Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 136 DECEMBER 18, 1939 Number 25

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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Member: Audit Bureau of Circulations

Volume 136 | DECEMBER 18, 1939 | Number 25

Organic Nitrogen Institute Formed

The Organic Nitrogen Institute has been formed by organic nitrogen manufacturers, handlers, and merchants in the United States and Europe. The purpose of the institute is to engage in research and disseminate scientific and practical information relative to the value of all forms of nitrogenous plant foods, especially plant foods obtained form organic sources.

C. E. Gettinger has been named president of the institute, which has been incorporated in Virginia, with offices in the Board of Trade building, Norfolk. Other officers are: Vice-president, Carl Greilach, and secretary Dr. P. H. Hornburg, Directors are: T. E. Bradley, G. W. McCarty, W. P. Main, Mr. Gettinger and Mr. Greilach.

Dr. P. H. Hornburg, who has been employed to direct the affairs of institute will begin his work about January 1, 1940, from headquarters in Atlanta, Ga. Dr. Hornburg, who is thirty-six years old, was born in Vaethen, Germany; obtained his B. A. degree from the University of Halle in Germany, specializing in agronomy, botany and plant pathology; obtained his M. A. degree from the same University in 1926, specializing in agronomy, plant breeding and plant pathology; and obtained his Ph. D. degree in 1928 from the same university in agronomy, plant pathology and genetics.

Dr. Hornburg has had considerable practical experience in Germany and immediately after coming to this country in 1930 he was employed by the American Cyanamid Company for some time and is thoroughly acquainted with the commercial aspects of fertilizers. His graduate work in Germany was principally along the line of plant breeding and plant pathology but, having become more interested in fertilizers after his employment with the Cyanamid company, he decided to take additional graduate work in the field of soils and fertilizers at the University of Wisconsin under Dr. Truog and has now completed all the course requirements for a Ph. D. degree in that field.

Ethyl Gas Licensing Gets High Court Review

OPD Washington Bureau
December 11, 1939

The Supreme Court of the United States today agreed to review the antitrust decision against the Ethyl Gasoline Corporation rendered last Spring by the Federal district court in New York. The lower court had ordered the company to cease issuing licenses to jobbers to handle gasoline treated with tetraethyl lead and to stop requiring gasoline refiners to sell leaded gasoline only to licensed jobbers.

Chemical Alliance Re-elects Its Officers

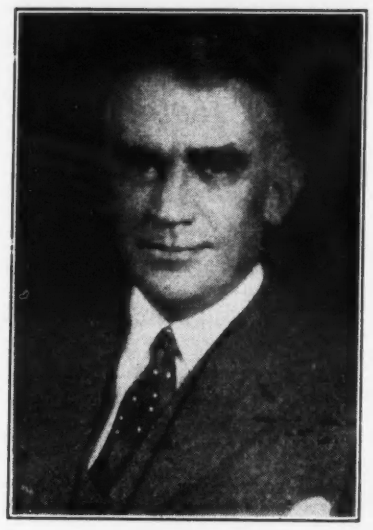
The board of directors of the Chemical Alliance, Inc., at a meeting December 12 re-elected the following officers:—

President, Charles Belknap, of the Monsanto Chemical Company, St. Louis.

First vice-president, Lammot duPont, of E. I. duPont de Nemours & Co., Wilmington, Del.

Second vice-president, Charles S. Munson, of the U. S. Industrial Alcohol Company, New York.

Third vice-president, Willard H. Dow, of the Dow Chemical Company, Midland, Mich.



Charles Belknap
President of the Chemical Alliance

Treasurer, J. W. McLaughlin, of the Carbide & Carbon Chemicals Corporation, New York.

Secretary, W. N. Watson, 608 Woodward building, Washington.

The only change made in the executive committee was the election of a successor of the late John J. Watson. The members of the committee are:—

E. M. Allen, of the Mathieson Alkali Works, Inc., New York; Charles Belknap, of the Monsanto Chemical Company, St. Louis; W. B. Bell, of the American Cyanamid Company, New York; Willard H. Dow, of the Dow Chemical Company, Midland, Mich.; Lammot duPont, of E. I. duPont de Nemours & Co., Wilmington, Del.; Glenn Haskell, of the U. S. Industrial Alcohol Company, New York; J. W. McLaughlin, of the Carbide & Carbon Chemicals Corporation, New York; George W. Merck, of Merck & Co.; Rahway, N. J.; August Merz, of the American Cyanamid Company, Bound Brook, N. J.; Charles S.

—*Continued on page* 29

N. Y. Medical Council Backs Health Insurance

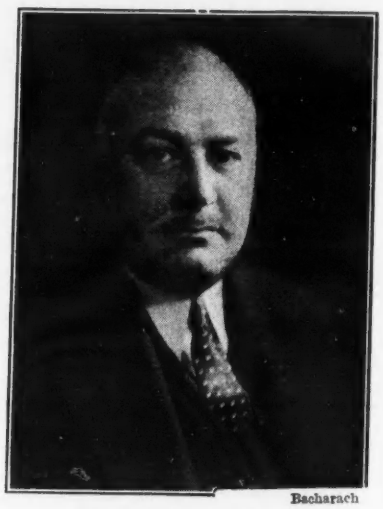
Voluntary insurance plans for providing medical and surgical care were endorsed December 14 by the council of the Medical Society of the State of New York, when it approved the report of a special committee.

The plans specifically endorsed are those represented by the corporations of physicians and laymen which are being formed under insurance legislation enacted at the last session of the State legislature. Officials of the council have expressed the belief that the acceptance of voluntary health insurance plans by physicians and their promotion among the laity will make unnecessary compulsory insurance under political control.

Four health insurance corporations have been granted permits by the State insurance superintendent:—Medical and Surgical Care, Utica; Western New York Plan, Buffalo; Associated Health Foundation, New York; and Medical Expense Fund, New York.

R.N. Chipman Resigns From Chipman Chemical

Ralph N. Chipman has resigned from the presidency of the Chipman Chemical Company, agricultural insecticide manufacturer, Bound Brook, N. J. Mr. Chipman, who founded the company twenty-two years ago, has relinquished his interests in the company to his associates. Mr. Chipman stated that no other changes were anticipated in the management or character of the company.



Bacharach

Ralph N. Chipman

Concerning his future activities, Mr. Chipman stated that, after a short vacation, he intended to still apply himself to the chemical industry. Born in Beverly, N. J., after receiving his education at the Penn Charter School in Philadelphia, he became affiliated with the Atlas Preservative Company of America. In 1917 Mr. Chipman formed the company bearing his name, to specialize in the marketing of soda chlorate for weed extermination. The company has affiliates in England and Canada. Mr. Chipman is chairman of the board of the Agricultural Insecticide and Fungicide Association, and a member of the executive committee of the Manufacturing Chemists Association.

DCAT Annual Dinner Scheduled for March 14

The fifteenth annual banquet of the Drug, Chemical and Allied Trades Section of the New York Board of Trade will be held March 14 in the Waldorf-Astoria, this city. As usual, the dinner will be preceded by a reception to begin at six-thirty o'clock. Committees to have charge of speakers and toastmaster selections, entertainment, reception, publicity, and the like will be appointed shortly.

Antitrust Laws Favored As High-Price Curb

OPD Washington Bureau
December 11, 1939

More intensive enforcement of the antitrust laws will protect consumers from unjustified price increases better than special legislation to control prices. Thurman W. Arnold, assistant attorney-general in charge of the antitrust division, told the Temporary National Economic Committee during its general hearings on price fluctuations.

Mr. Arnold laid down a plan for increasing enforcement of the antitrust laws from the standpoint of controlling prices, including 150 additional employees of his division to maintain field offices in every State; a permanent body, such as the TNEC to consider cases where the antitrust laws are inadequate and special legislation may be needed; and the creation of a bureau of industrial economics to collect statistics for the use of the antitrust division and the TNEC.

He made these suggestions as "an immediate practical plan of organization to attack the problem of price rigidity by freezing competitive forces," and he declared its objectives should be to give consumers an effective voice to prevent abuse of privileges of collective action, to attack unjustified price increases in the light of the problems of each industry, and to provide access to the legislature for industries having special problems.

The field offices desired by Mr. Arnold would serve as clearing houses for information and complaints, and the additional new employees would be used to investigate complaints wherever action appears justified. He used his current drive against high prices in the building industry as an illustration of how the antitrust laws can be used to keep down prices, and indicated that this drive will continue.

U.S. Paint Industry Keenly Watched Abroad

Most of the paint companies in Australia and the Union of South Africa are keenly alert to developments in the United States in the paint field, Carl Iddings, of the Muralo Company, manufacturer of water paints, Staten Island, told a representative of the REPORTER in an interview on his recent six months' trip to Europe, Asia and Africa.

Mr. Iddings said that the interest exceeds mere long-distance study, as many of the larger organizations go in for first-hand knowledge, sending representatives every few years to tour the United States and bring back their reports on the latest developments in materials, management, production and application methods. Mr. Iddings, in relating his experiences, said:—

Many of us familiar with the sale of calcimines and casein paints in the United States are inclined to feel that these types of materials are more or less the only ones common to the water paint industry; also, we are inclined to feel that foreign countries are possibly not as far advanced in the water paint industry as is America.

These conclusions would be somewhat out of harmony with the facts as the writer, in visiting Australia and the Union of South Africa recently, found these two countries have very well developed water paint industries, the principal products comprising cold water calcimine, similar in type to those sold in the United States, and oil bound water emulsion paints, which are sold for both interior and exterior use. In this country the oil emulsion paint has not made much headway against such products as casein paste paints and aqueous resin paints, the latter appearing to possess better color and higher degree of weather resistance than the oil bound emulsion paints.

It seemed to me that the actual percentage of water paints sold in these countries as compared with the total paint industry, is probably higher than is the case in the United States. I think this is due to the fact that some of the washable water paints, such as the oil bound emulsion paints, have been on the market for many, many years and have been accepted as quite satisfactory for general wall work.

—*Continued on page* 32

Fertilizer Materials Used in U. S. for 1938-39

Fertilizer materials used in the Continental United States in the 1938-39 season amounted to 7,685,000 tons, according to a compilation prepared by the statistical department of Synthetic Nitrogen Products Corporation. A total of 2,315,000 tons was applied directly and 5,370,000 tons went into commercial mixtures. The compilation follows:—

	Short tons		
	Applied directly.*	Mixtures.	Total.
Ammonia, sulphate	151,000	364,000	515,000
Soda, nitrate	602,000	98,000	700,000
Ammonia liquor from by-product plants	.....	35,000	35,000
Urea-Ammonia liquor, ammonium nitrate solutions, synthetic anhydrous ammonia and synthetic ammonia liquor	3,000	76,000	79,000
Cyanamid	70,000	50,000	120,000
'Cal-Nitro,' calcium nitrate, urea, 'Uramon,' 'Ursor' and 'Calsi-Ureor'	59,000	66,000	125,000
Chemically combined complete fertilizer imported as such	.....	2,000	2,000
Ammonium phosphates	18,000	38,000	56,000
Nitrate of potash and nitrate of soda-potash	22,000	20,000	42,000
Cottonseed meal	100,000	50,000	150,000
Other natural organics, including tobacco stems and peat	175,000	470,000	645,000
Bulk superphosphate	†825,000	2,428,000	3,253,000
Bones, bone meal, bone black and precipitated bone phosphate	60,000	33,000	93,000
Basic slag	35,000	.....	35,000
Ground phosphate rock	90,000	50,000	140,000
Sulphuric acid (for acidulating certain organics)	.....	5,000	5,000
Potash materials, except nitrate of potash	90,000	580,000	670,000
Wood and beet root, cottonhull ashes	10,000	4,000	14,000
Dolomite and limestone	.....	350,000	350,000
Calcined kieserite and other secondary plantfood materials	5,000	15,000	20,000
Filler	.....	636,000	636,000

* This tabulation includes the materials used in home-made mixtures, but does not include liming materials.

† This figure includes about 20,000 tons of "basic lime phosphate" but excludes not only the triple superphosphate produced by the Tennessee Valley Authority and distributed by it or by the Agricultural Adjustment Administration, but also the superphosphate bought by the latter agency from private industry and given to farmers in place of soil conservation payments.

Closing Market Developments

(December 15, 1939)

London Closing Cable

LONDON, Dec. 15, 1939

Carnauba wax, 330s. per hundredweight. Beeswax, African, 185s. per hundredweight.

Minneapolis Linseed Oil

Minneapolis reported an active and firmer market for linseed oil late in the week. Tankcars were quoted at 9.7c. per pound, a large volume of business being closed at that figure.

Cottonseed Oil Firmer

Refined cottonseed oil futures were firmer on Friday. May closed at 7.31c. and July 7.41c., these prices being about 8 to 10 points higher for the day and 25 to 30 points above the final quotations of the previous Friday. Local traders and commission houses bought on firmness in outside markets. Sales of crude oil were reported at 6 cents. Lard compound was advanced ¼c. per pound by some makers. Cash refined cottonseed oil was more active and firmer.

Lard Stocks Increase

The semi-monthly statement of lard stocks in Chicago showed an increase for the first half of November of 18,417,685 pounds.

Dried Blood Reduced Again

Further evidence of the weakness in the organic fertilizer market was seen late last week when sales of domestic dried blood were made in New York at $3.45 per unit-ton. This was 5c. per unit lower than the price earlier in the week and compared with quotations of $3.50 to $3.75 two weeks ago.

Strontium Chloride Higher

One seller advanced price 2c. to the basis of 21c. per pound. In view of the situation abroad, future shipments were highly uncertain, and stocks in the hands of sellers were rather limited.

Imported Soda Silicofluoride Up

Price for imported material advanced ¼c. per pound, ranging from 5¾c. to 6c. per pound, reflecting the lack of spot stocks. Shipments recently have been absorbed upon arrival, and in the absence of any domestic material of consequence, the market was in a strong position.

Film Scrap Advanced

Prices generally 1c. higher. Dark colors, 1,000 pounds or over, works, 11½c. per pound, smaller lots, works, 13c. per pound; light colors, 1,000 pounds, or over, works, 12½c. per pound, smaller lots, works, 14c. per pound; water white, 1,000 pounds or over, works, 13½c. per pound and smaller lots, works, 15c. per pound. Demand very good, while not as heavy as month ago, sufficient to absorb available supplies. Good export inquiry, but little business accepted for the present.

Tetrachloride of Tin Lower

Anhydrous tetrachloride of tin declined ¼c. to 25¼c. per pound. Nominal quotations prevailed for tin crystals and anhydrous stannous chloride of tin at 38½c. and 47c. per pound, respectively. Straits tin was nominally quoted at 50½c. per pound.

Lau Retiring February 1 As Drug Club Manager

William P. Lau, after a service of thirty-two years as manager of the Drug and Chemical Club of New York, will retire February 1 next. Mr. Lau's resignation is entirely voluntary, brought about partly because of the condition of his health and of his desire to do many of the things he had planned to undertake upon reaching his sixty-seventh birthday. The members of the Club were desirous that Mr. Lau should continue and it was only after Mr. Lau's insistence that the Board of Governors with regret accepted his resignation at a meeting held last week. A substantial cash bonus was voted to Mr. Lau plus an allowance which he will receive monthly.

Mr. Lau came to the Drug Club from Carling's restaurant, St. Paul, Minn., in 1908. He began his career in the Southern hotel, St. Louis, in 1886 and went to Rector's restaurant, Chicago, in 1893. From 1896 to 1900 he was with the old Astor house of this city. Leaving there, he served as manager in the Antler's hotel, Colorado Springs, and the States restaurant, Chicago. He has many friends in the drug trade and the old Drug Club will not seem the same without him.

Chemical Prices Lower

There was a substantial reduction in the average of prices for heavy and fine chemicals last week as a result of the lowering of quotations on quicksilver and certain dry colors. Prices of heavy chemicals averaged higher; so did those of coaltar chemicals.

Demand in general tapered off seasonally, but the volume of trade was relatively large. Export inquiries still had a minor appeal.

Prices were advanced on copperas, saltcake, antimony salts, potassium-titanium oxide, solvent naphtha, xylol, ethyl acetate, secondary butyl acetate and alcohol, isobutyl acetate, methylethyl ketone, ammonium linoleate, oleate, and stearate, diglycol laurate and stearate, glycol stearate, gum turpentine, medium grades of gum rosin, copals, dammars, bone glue, imported dried blood, imported bonemeal, mangrove bark, and ground and leaf sumacs.

Prices were reduced on quicksilver, milori and prussian blues, chrome yellow, eosin toner, maroon lacquer toner, lithol red toner, para red toner, Straits tin, stannous chloride, tin crystals, diethanolamine, diethyleneglycol and ethyleneglycol and their major ethers, low grades of gum rosin, egg albumen, imported egg yolk, California fish meal, and tankage at San Francisco.

The REPORTER's composite index number of prices for heavy and fine chemicals receded to 127.3 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 90.1, compared with 88.9 at this time last year and 89.9 in 1937.

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Oil, Paint and Drug Reporter, Volume 136, No. 25, December 18, 1939. Published weekly by Oil, Paint and Drug Publishing Company, Inc., 59 John Street, New York, U.S.A. Annual subscription prices:—United States and possessions, Cuba, Mexico, Central America, and South America, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter January 15, 1884, at the Post Office at New York, N. Y., under the Act of March 6, 1879.

Safflower Seed Crop Disappointing in N.M.

Although it was expected, and had been reported, that at least one tankcar of safflower-seed oil would be produced in New Mexico this year, no seed will be crushed in that State. The yield of seed was disappointing, and Lloyd D. Fitts, of the Deming Oil Mill, Deming, informs the REPORTER that it was felt that the sound thing to do was to retain the seed for planting.

Mr. Fitts and his business associates have interested themselves for almost five years in the development of safflower cultivation in the vicinity of Deming. The conversion of the farmers from cotton has not proceeded rapidly, and cultivation problems have prevented the promotion of safflower growing to a stage that will permit commercial production of oil from the seed.

It is the desire of the Deming Oil Mill, which is equipped to crush safflower seed, to defer such operations until reasonably assured that it can make a dependable supply of the oil available. Mr. Fitts says that he would like to correspond with paint and varnish manufacturers and others who are desirous of cooperating in the development of commercial production of safflower-seed oil. He feels that a display of consuming interest will assist in persuading farmers that safflower is a desirable crop.

Venezuela Fuel Oil Import Tax Basis Fixed

OPD Washington Bureau
December 12, 1939

The Department of State today announced the basis for computing quotas on imports of petroleum and fuel oil which will be subject to a reduced excise tax under the provisions of the reciprocal trade agreement with Venezuela.

Under this agreement, which went into effect December 16, the excise tax is reduced from one-half to one-quarter cent per gallon on an annual quota of 5 percent of the amount of domestic crude refined in the United States during the previous calendar year. In order to allocate this quota among principal suppliers the department has announced that for 1940 the quota will be divided in the same percentage as imports from these countries during the first ten months of 1939. On this basis the following quotas were established:—

Venezuela, 71.9 percent; Netherlands (including Netherlands Indies), 20.3 percent; Colombia, 4.0 percent; other countries, 3.8 percent. For the period from December 16 to the end of the year the quotas will be one-twelfth of the 1940 allocations. All imports over the quotas will pay the one-half cent tax.

By reason of the basis used, Mexico is given no quota, and imports from this country must come in under the allotment for "other countries." United States imports of Mexican petroleum have been practically nil during the past year because of the controversy over the Mexican expropriation of American-owned oil properties.

October Medical Exports Reach High Record

United States exports of medicinals, pharmaceuticals and biologics reached an all-time high of $2,800,000 during October, according to the Bureau of Foreign and Domestic Commerce. This figure compares with exports valued at $2,090,000 during September and $1,717,000 during October, 1938.

Almost every item making up the medicinal export list shared in the month's gains, but druggists non-proprietaries, or unbranded products, recorded the greatest advances. Foreign shipments of these products were valued at $1,058,000, as compared with $482,000 during the corresponding period of 1938. In this group, shipments of tablets, pills, capsules and ointments increased in value from $245,000 to $586,000; and elixirs, tinctures, extracts and ampoules, from $187,500 to $265,000.

Sharp advances also occurred in exports of biologicals, the total of which reached $410,000 in October, against $307,000 in the corresponding month of last year. The gain was due mainly to an increase in exports of serums and toxins for human use, the total value of which advanced from $109,000 to $189,000.

Exports of proprietaries, or branded products, were valued at $1,025,000 in

—Continued on page 54

N.Y. Trade Board Hears O'Mahoney

William D. Barry, of the Mallinckrodt Chemicals Works, Inc; Ralph W. Dorland, of the Dow Chemical Company, and Joseph Huisking, of Fritsche Brothers, have been elected to the directorate of the New York Board of Trade. The election took place at the sixty-seventh annual meeting of the Board of Trade in the Waldorf-Astoria, this city, December 13, at which Senator Joseph C. O'Mahoney, of Wyoming, was the principal speaker. He spoke on "The Preservation of Free Enterprise."

It is not necessary to destroy "big business" in order to protect "little business" nor is it necessary to clothe government with the authority to direct business, Senator O'Mahoney said. Discretionary control of business, whether big or little, when it resides in a political agency is contrary to the fundamental principle upon which this republic is founded, he continued. But if we are going to prevent the growth of that idea, Mr. O'Mahoney said that then it is clear that we must find a national rule for national business which will permit big business and little business to exist side by side without further expansion of government control. Senator O'Mahoney further said:—

It must be remembered that there is a difference between "control" and "regulation." The latter is the necessary "rule of the game" which must be laid down by government or else there is no order by which our economic life may be guided. When organized business which spreads beyond the local scene and covers states and even nations is not subject to regula-

—*Continued on page 30.*

Business Research Tour Started by D. of C.

OPD Washington Bureau
December 12, 1939

Nathaniel H. Engle, assistant director of the Bureau of Foreign and Domestic Commerce, left Washington today on a tour of Southern and Southwestern State universities in connection with the development of a program of localized business research planned by Secretary of Commerce Harry L. Hopkins as a means of vitalizing the services of government to business.

The present tour will complete visits to eight State universities. Universities Mr. Engle has so far visited since he began his tour in November include the University of Virginia, Michigan, Illinois, Indiana, and Ohio State. He plans a tour of the far Western universities after Christmas. The voluntary cooperative program of business research being undertaken to strengthen the services of government to business, particularly small business, contemplates taking specific steps:—

1. To increase the availability of existing business research facilities by ascertaining what facilities are now available, what research projects are now in progress and by setting up a clearing house in the department for business research activities throughout the nation.
2. To strengthen the business research program of the department and of the University Schools of Business by establishing, wherever possible, cooperative arrangements on specific studies, and by utilizing the part or full-time services of trained research personnel from the universities whenever available.
3. To reduce duplication of effort and thereby promote economy and efficiency in business research.
4. To encourage decentralization of research projects and to make regional and local research more effective by having it done on the ground in the universities by local men familiar with local conditions and who enjoy the confidence of local businessmen, at the same time making available to the local research workers information on new techniques and methods developed by the Department of Commerce and by universities.
5. To aid the small business man by making available to him a closer source of information on conditions affecting his business.

N.P.V.L.A. Southern Zone Meeting in Atlanta Feb. 22

The Southern zone meeting of the National Paint, Varnish and Lacquer Association will be held in Atlanta, Ga., February 22. The zone meeting will be held during the week of the conference of the Southern Associates of the Federation of Paint and Varnish Production Clubs. The Southern Associates have not scheduled a session on the day of the association's Southern zone meeting.

J. O. Robinson Heads Baltimore Drug Exchange

John O. Robinson, president of the H. B. Gilpin Company, has been elected president of the Baltimore Drug Exchange at its annual meeting, held in the Emerson hotel December 12. He

John O. Robinson

succeeds Edward S. Muth, of Muth Brothers & Co. Other officers elected were:—

First vice-president, Frank L. Black, of Hynson, Westcott & Dunning, Inc.; second vice-president, Lester Jones, of McCormick & Co.; treasurer, L. Oldham, of Leroy Oldham & Co.; and secretary, W. J. Lowry, of the Yager Liniment Company. Added to the executive board were:—Clarence H. Klingel, of the Howard Drug Company, and Philip I. Heuisler, of the Maryland Glass Company.

C. L. Fardwell, of McCormick & Co., read his report as chairman of the legislative committee of the exchange. Mr. Fardwell touched upon the proposals which tend to erect trade barriers between States, and discussed the amendments by fourteen States, in order to bring their State laws in conformity with the provisions of the Federal food, drug and cosmetic act.

W. J. Lowry, in his report as secretary of the association. gave a resume of the activities of the exchange in connection with the Bowman plan, which plan had been defeated in the Maryland State legislature. The plan, sponsored by Dr. I. Bowman, president of Johns Hopkins University, called for the consolidation of various examining boards in a new department of professional and vocational licensing. Passage of such a bill, it was pointed out, would have

—*Continued on page 48*

American Pharmaceutical Ass'n Names C. H. Evans President

The American Pharmaceutical Association has elected the following officers by mail ballot:—

President-elect, Charles H. Evans, Warrenton, Ga., retail druggist, former president of the National Association of Boards of Pharmacy; first vice-president-elect, H. A. K. Whitney, Ann Arbor, Mich., chief pharmacist of the University of Michigan Hospital; second vice-president-elect, Henry Gregg, jr., Minneapolis, retail druggist; members-elect of the council, F. J. Carmak, Cleveland, retail druggist; Dr. H. A. B. Dunning, Baltimore, president of Hynson, Westcott & Dunning, pharmaceutical manufacturer; Dr. C. B. Jordan, Lafayette, Ind., dean of the School of Pharmacy, Purdue University.

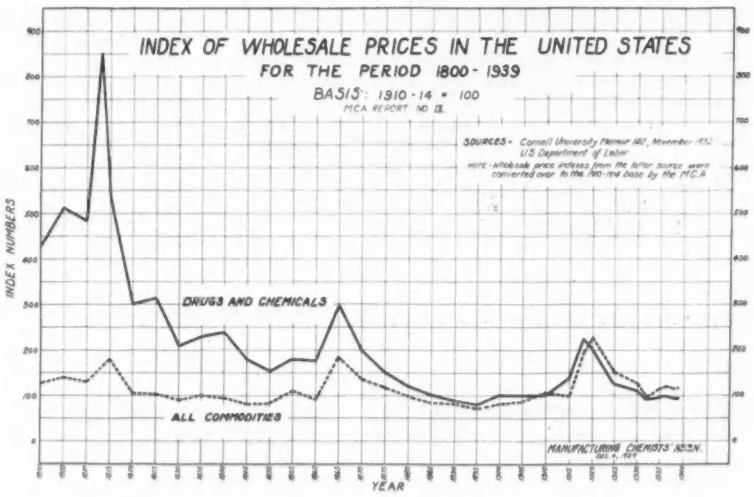
Continental Can Co. Names J. F. Hartlieb President

J. F. Hartlieb, executive vice-president, was elected president of the Continental Can Company, this city, at a meeting of the directorate December 13. He succeeds O. C. Huffman, who resigned from the presidency to become chairman of the executive committee, a post relinquished by C. C. Conway, who will, however, continue as chairman of

J. F. Hartlieb

the directorate. The above changes become effective February 1, 1940. Mr. Huffman has been president of the organization for ten years and has been identified with the can manufacturing industry for thirty-five years. J. F. Hartlieb originally came with Continental Can Company as assistant to the president in March, 1927.

Drug and Chemical Prices Below General Average


INDEX OF WHOLESALE PRICES IN THE UNITED STATES
FOR THE PERIOD 1800-1939
BASIS: 1910-14 = 100
MCA REPORT NO. IX
SOURCES - Cornell University Memoir 182, November 1932
U.S. Department of Labor
NOTE - Wholesale price indexes from the latter source were converted over to the 1910-14 base by the MCA
INDEX NUMBERS
DRUGS AND CHEMICALS
ALL COMMODITIES
MANUFACTURING CHEMISTS' ASS'N.
YEAR

The Manufacturing Chemists Association has compiled the above chart of wholesale prices since 1800. It is interesting to note that in the present upward movement prices of drugs and chemicals have been advanced less than those of commodities in general: the first time that this has been true of any upthrust during the period. Other points of interest are noted by the association as follows:—

It is interesting to note from the chart the price peaks attained through financial inflation during periods of national emergency. Subsequent deflation following each emergency resulted in declines below prewar levels in most cases. Of special significance is the fact that chemical prices are shown to be lower for each successive peak; whereas, the prices for all commodities, on the other hand, are shown to have risen for each succeeding emergency.

Blackstrap Freights On Trainloads Approved

OPD Washington Bureau
December 14, 1939

Establishing a precedent, which expected to be of far-reaching importance to the petroleum and other industries, the Interstate Commerce Commission today reversed a long-time policy by approving of reduced railroad rates for multiple-car shipments.

This approval was given to the Illinois Central and other railroads to file tariffs applying to a train load freight rate of 15 cents a hundredweight on imported blackstrap molasses from New Orleans to the plant of the Commercial Solvents Corporation, Peoria, Ill., subject to a minimum weight of 1,800 tons, or the equivalent to thirty-eight carloads. The present rail rate of 17½c. a hundredweight remains as to single carload shipments.

The roads had asked the commission for permission to file a 14c. rate to meet barge competition. This is the first time that the Interstate Commerce Commission has permitted trainload rates, previously holding to the view that it would discriminate against small shippers. The decision of the commission, which was made after an 8 to 2 vote, stated that conditions have changed since shippers can now make bulk movement by pipeline and barge.

A.Ph.A. Council Asks U.S.P. Publicity

More publicity for proposed revisions of the United States Pharmacopeia was advocated by the council of the American Pharmaceutical Association at its recent meeting in Washington. The council also favored amendment of the pharmacopeial convention by-laws to provide for interim changes in the personnel of the revision committee.

These declarations were made in the approval of recommendations to the U.S.P. board of trustees which had been submitted by the association's committee on the pharmacopeia. These recommendations ask that the trustees:—

Give serious consideration to the matter of adequate publicity (1) of proposed changes of preparations and standards, (2) of new descriptions and standards, and (3) of comments and criticisms of such changes with especial reference to the method of making such information public in ample time to allow thorough consideration of all details involved. It is further recommended that the board of trustees give consideration to the establishment of a bulletin for this purpose.

Prepare and present to the 1940 pharmacopeial convention an amendment to chapter V of the by-laws to the effect that any member elected to the committee of revision who does not satisfactorily perform the duties for which he has been selected or who finds himself unable to actively cooperate in revision work may be removed by the board of trustees or the executive committee of the committee of revision and a successor elected as provided in chapter V, article VII of the by-laws.

The council approved nominees for seven subcommittees of the committee on the National Formulary. The chairmen of these subcommittees are:—

Bacteriological and biological preparations, Richard A. Deno.
Chemicals, Glenn L. Jenkins.
External preparations, H. A. K. Whitney.
Extractive preparations, J. B. Fullerton.
Nomenclature, C. O. Lee.
Pharmacognosy, E. H. Wirth.
Solid preparations for internal use, A. B. Nichols.

Abbott Estate Gives $2,500,000 for Research

Gifts of approximately $1,500,000 to Northwestern University and of approximately $1,000,000 to the University of Chicago are announced by the trustees of the estate of Clara A. Abbott, who died in 1924, and whose will made unusually generous provision for charity. The estate is now finally closed. Both gifts will be used for medical and chemical research.

The gift to University of Chicago will operate to secure for that institution an additional $1,500,000 from the Rockefeller Foundation to be used for biological research, which was promised conditionally upon the university securing an additional amount now realized by the Abbott estate gift. Other gifts also announced by the trustees include the following approximate amounts to the following institutions:—Victory Memorial Hospital, Waukegan, Ill., $250,000; Evanston Hospital, Evanston,

—*Continued on page 48*

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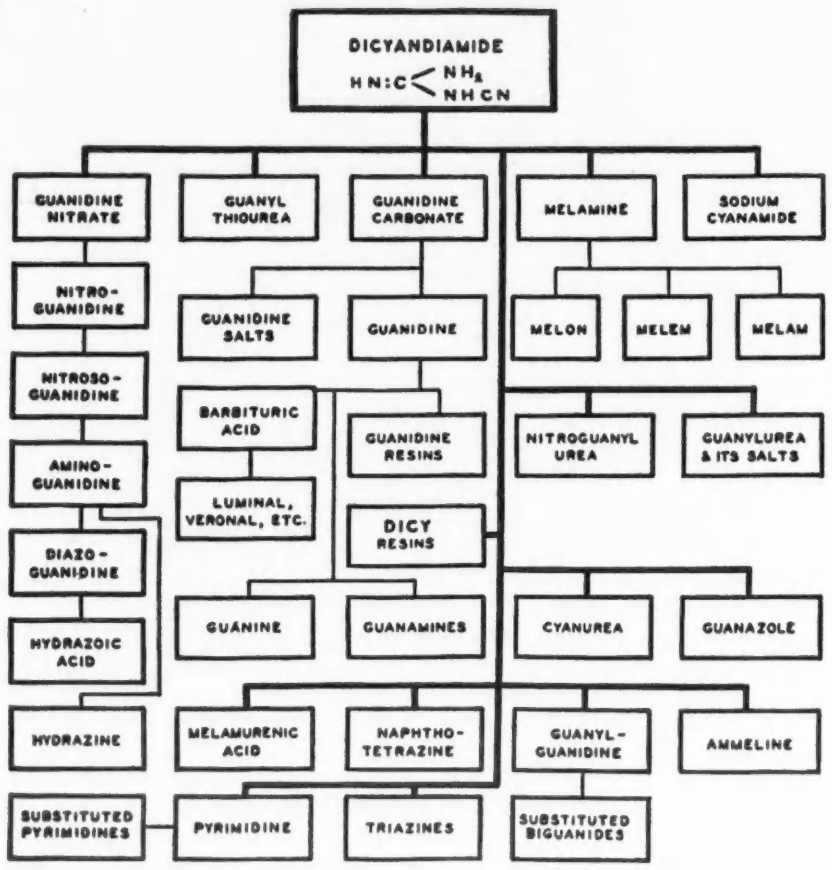
Becomes a NEW product

NEW because of the low price at which Cyanamid engineering brings it to you.

NEW because its great reactivity and high nitrogen content are now commercially available.

DICY is no longer a chemical curiosity, it has graduated from test tube to carload.



GUANIDINE NITRATE, GUANIDINE CARBONATE and GUANYLUREA SULPHATE are now, also, commercially available at greatly reduced cost. In the field of nitrogen chemistry the possibilities for synthesis from DICY are manifold. The chart indicates only a few of its many related products.

Write for samples and send for the new booklet: "Dicyandiamide and Guanidine Compounds."

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Organic Chemicals Department

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Current Market Quotations

December 15, 1939

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

DEC 18 LIBRARY

A

Acacia (see Gum, Arabic)			
Acetal, dms., dlvd.	lb.	.75	- 1.00
Acetaldehyde, 99%, dms., 55 & 110 gls., works	lb.	.11	- —
5 & 10 gls., works	lb.	.14	- —
Acetamide, CP, kgs., 5,000 lbs., a year, works	lb.	.36	- —
200-lb. lots, works	lb.	.38	- —
100 lb. lots, works	lb.	.55	- —
5 to 50-lb. lots, works	lb.	.70	- —
tech., kgs., 5,000 lbs. a year, works	lb.	.26	- —
200-lb. lots, works	lb.	.30	- —
100-lb. lots, works	lb.	.45	- —
5 to 50-lb. lots, works	lb.	.50	- —
Acetanilide, tech., bbls.	lb.	.22	- —
95%, bbls.	lb.	.29	- —
USP, cryst., bbls., 2,000 lb. lots	lb.	.33	- —
smaller lots	lb.	.35	- —
dms., 25 lb. lots	lb.	.28	- —
kgs., 2,000 lb. lots	lb.	.23	- —
smaller lots	lb.	.24	- —
powd., bbls., 2,000 lb. lots	lb.	.30	- —
smaller lots	lb.	.31	- —
dms., 25 lb. lots	lb.	.26	- —
kgs., 2,000 lb. lots	lb.	.31	- —
smaller lots	lb.	.32	- —
Acetoacetanilide, dms.	lb.	.47	- .65
Acetone, C.P., dms., c.l., dlvd.	lb.	.07¼	- —
l.c.l., dms., dlvd	lb.	.07¾	- —
tanks, dlvd	lb.	.05¾	- —
Methyl (see M).			
Acetophenone, bots.	lb.	1.30	- 1.45
cns., 25 lbs.	lb.	1.15	- 1.25
dms., 100 lbs.	lb.	1.05	- —
Acetophenetidin, bbls., kgs., 1,000 lbs.	lb.	1.00	- —
50 lbs.	lb.	1.02	- —
25 lbs.	lb.	1.05	- —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville	lb.	.08¾	- —
l.c.l., same terms	lb.	.09	- —
Acetic, comi. or redist., 28%, bbls.	100 lbs.	2.22	- 2.49
cbys.	100 lbs.	2.73	- 2.98
50%, bbls.	100 lbs.	4.15	- 4.40
cbys.	100 lbs.	4.65	- 4.90
70%, bbls.	100 lbs.	5.17	- 5.43
cbys.	100 lbs.	5.67	- 5.93
80%, bbls.	100 lbs.	5.89	- 6.14
cbys.	100 lbs.	6.39	- 6.64
glacial, nat., CP., cbys.	100 lbs.	14.00	- —
99.5%, bbls.	100 lbs.	7.62	- 7.87
cbys.	100 lbs.	8.12	- 8.37
tanks	100 lbs.	5.00	- —
USP, bbls.	100 lbs.	10.25	-10.50
cbys.	100 lbs.	10.75	-11.00
synth., 99.5%, al. dms., 100 lbs.	100 lbs.	8.43	- 8.68
cbys.	100 lbs.	8.93	- 9.18
USP, al. dms.	100 lbs.	10.25	-10.50
cbys.	100 lbs.	10.75	-11.00
pure, 80%, bbls.	100 lbs.	3.28	- 3.53
cbys.	100 lbs.	3.78	- 4.03
80%, bbls.	100 lbs.	3.66	- 3.91
cbys.	100 lbs.	4.16	- 4.41
60%, bbls.	100 lbs.	6.15	- 6.40
cbys.	100 lbs.	6.65	- 6.90
80%, bbls.	100 lbs.	7.68	- 7.93
cbys.	100 lbs.	8.18	- 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld.	lb.	.10½	- .11½
l.c.l., dms., frt. alld.	lb.	.12	- .13
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls.	lb.	.45	- —
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls.	lb.	.48	- —
powd., 80 mesh, 200-lb. bbls.	lb.	.40	- —
Anthranilic, refd., bbls.	lb.	1.15	- 1.20
tech., bbls.	lb.	.75	- —
Arsenous, tech. (see Arsenic, White).			
USP, powd., dms., kegs	lb.	.23	- .30
Ascorbic, bots., dms.	oz.	2.75	- 3.00
Battery, cbys, c.l., E. works, 100 lbs.		1.00	- —
l.c.l., 25 or more, E. works, 100 lbs.		1.05	- —
10-24, E. works	100 lbs.	1.05	- —
1-9, E. works	100 lbs.	2.55	- —
Benzoic, tech., bbls., 4,000 lbs. or more	lb.	.43	- —
1,000 to 3,900 lbs.	lb.	.44	- —
200 lbs. or less	lb.	.47	- —
USP, bbls., 4,000 lbs. or more	lb.	.54	- —
1,000 to 3,900 lbs.	lb.	.55	- —
200 lbs. or less	lb.	.58	- .60
dms., 4,000 lbs. or more	lb.	.55	- .56
1,000 to 3,900 lbs.	lb.	.56	- (57
200 lbs. or less	lb.	.59	- .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, dlvd., c.l., dlvd	ton	106.00	- —
l.c.l., ex whse	ton	118.00	-123.00
powd., bbls., contracts, 80 tons, dlvd	ton	111.00	- —
c.l., dlvd	ton	116.00	- —
l.c.l., dlvd	ton	123.00	-138.00
sks., contracts, 80 tons, dlvd.	ton	96.00	- —
c.l., dlvd	ton	101.00	- —
l.c.l., ex whse	ton	123.00	-138.00
sks., contracts, 80 tons, dlvd.	ton	101.00	- —
c.l., dlvd	ton	106.00	- —
l.c.l., ex whse	ton	113.00	-128.00
USP, $25 per ton higher.			
Butyric, 99%, dms., c.l., S. Charleston, W. Va.	lb.	.22	- —
l.c.l., same basis	lb.	.23	- —
tanks, same basis	lb.	.21	- —
Broenner's, bbls.	lb.	1.11	- —
Acid, camphoric, cns.	lb.	7.00	- —
Capric, dms.	lb.	.14	- .14½
Caporic, dms., works	lb.	.35	- .40
Carbolic (see Phenol).			
Castor oil, split, dms.	lb.	.16¾	- .17¼
Chlorosulphonic, dms., c.l., works	lb.	.0350	- —
5-drum lots, works	lb.	.04	- —
single drum	lb.	.05	- —
tanks, works	lb.	.08	- —
Chromic, 99%, dms., c.l., dlvd. N. Y.	lb.	.15¼	- —
l.c.l., 5 tons, dlvd. N. Y.	lb.	.15¾	- —
Dms., smaller quantities, dlvd., N. Y.	lb.	.16¼	- .17¼
Cinnamic, refd., bots.	lb.	2.85	- 3.25
Citric, cryst., gran., bbls., car lots	lb.	.20	- —
10,000-lb. lots, one shipt.	lb.	.20¼	- —
smaller lots	lb.	.21	- —
anhyd., gran., dms., 10,000 lbs., 1 shipt.	lb.	.23	- —
smaller lots	lb.	.23½	- —
Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.			
Cleve's, bbls.	lb.	.87	- —
Coconut oil, dms.	lb.	.11	- .11¼
Corn, dist., dms.	lb.	.09¾	- .10¼
Cottonseed oil, dist., dms.	lb.	.08¾	- .09¼
tanks	lb.	.08¼	- —
Cresylic (coaltar) high-boil 50%, 210°-215°, dms., c.l., works, frt. equid.	gal.	.68	- —
l.c.l., same basis	gal.	.70	- —
special blends (50%, 210°-215°), dms., c.l., works, frt. equid.	gal.	.71	- —
l.c.l., same basis	gal.	.73	- —
low-boil (50%, 204°-206°), dms., c.l., works, frt. equid.	gal.	.68	- —
l.c.l., same basis	gal.	.70	- —
special blends (50%, 204°-206°), dms., c.l., works, frt. equid.	gal.	.71	- —
l.c.l., same basis	gal.	.73	- —
imported, pale, dms.	gal.	.70	- .75
Cresylic (petroleum), high-boil (240°-300°), non-return dms., c.l., works, East. U.S.	gal.	.40	- —
l.c.l., same basis	gal.	.41	- .42
tanks, dlvd., East U.S.	gal.	.389	- —
medium-boil (222°-249°), non-return dms., c.l., works, East. U.S.	gal.	.46	- —
l.c.l., same basis	gal.	.47	- .48
tanks, dlvd. East U.S.	gal.	.448	- —
Crotonic, bbls., dlvd.	lb.	.21	- —
smaller containers, dlvd.	lb.	.50	- —
Diethylbarbituric (see Barbital)			
Formic, dom., 90%, cbys., f.o.b. works, c.l.	lb.	.10½	- —
l.c.l., 25 and over.	lb.	.11	- —
1-24	lb.	.11½	- —
Fumaric, bbls.	lb.	.75	- —
Gallic, tech., bbls.	lb.	.70	Nom.
N. F., VI, bbls., 200 lbs., 5 or more	lb.	.77	Nom.
single bbls.	lb.	.80	Nom.
fib. dms., 25 lbs.	lb.	.81	Nom.
Gamma, bbls.	lb.	.85	- —
Gluconic, tech., 50%, bbls., 500 lbs.	lb.	.20	- —
H, bbls.	lb.	.45	- —
Hydriodic, 47%, bots.	lb.	2.30	- —
5-lb. bots.	lb.	2.51	- —
57%, bots.	lb.	2.75	- 2.90
Hydrobromic, 10% dilut., USP,	lb.	.20	- .21
pure, 34% conct., cbys.	lb.	.42	- .44
Hydrochloric (see Muriatic).			
Hydrocyanic, cyls, works	lb.	.80	- 1.00
Hydrofluoric, 30%, bbls.	lb.	.06	- .06½
lead cbys.	lb.	.08	- .08½
48%, lead cbys.	lb.	.10¼	- .11
52%, lead cbys.	lb.	.11½	- .12
60%, lead cbys.	lb.	.14	- .14½
Hydrofluosilic, 30-35%, 420 lb. bbls.	lb.	.09	- .09¼
Hypophosphorus, USP, 30%, djns.	lb.	.75	- .80
Lactic, tech., dark, 22%, bbls., c.l., works	100 lbs.	2.50	- —
l.c.l., bbls., works	100 lbs.	2.75	- —
cbys., works	100 lbs.	3.75	- —
44%, bbls., c.l., works, 100 lbs.		5.50	- —
l.c.l., bbls., works	100 lbs.	5.75	- —
cbys., works	100 lbs.	6.75	- —
light, 22%, bbls., c.l., works, 100 lbs.		3.50	- —
l.c.l., bbls., works	100 lbs.	3.75	- —
cbys., works	100 lbs.	4.75	- —
44%, bbls., c.l., works, 100 lbs.		6.50	- —
l.c.l., bbls., works	100 lbs.	6.75	- —
cbys., works	100 lbs.	7.75	- —
50%, edible, 20 and over, bbls., cbys.	lb.	.10½	- .11½
plastic grade	lb.	.12¼	- .13½
5 to 19, edible, bbls., cbys.,	lb.	.11	- .12
plastic grade	lb.	.12¾	- .13¾
1 to 4, edible, bbls., cbys.,	lb.	.11½	- .12½
plastic grade	lb.	.13¼	- .14½
80%, 5 and over, bbls., cbys.	lb.	.21	- .22
1 to 4 bbls., cbys.	lb.	.21½	- .22½
USP, XI, 85%, cbys.	lb.	.43	- .45
USP, VIII, 75%, cbys.	lb.	.41	- .43
Lauric, dist., tech., dms.	lb.	.15¼	- .15¾
Laurent's, bbls.	lb.	.45	- —
Linseed oil, dark, dms.	lb.	.12½	- .13
light, dms.	lb.	.13½	- .14
extra white, dist., dms.	lb.	.14	- .14½
Acid, maleic, powd., dms.	lb.	.30	- —
anhydride, dms., c.l.	lb.	.25	- —
dms., l.c.l.	lb.	.26	- —
Malic, powd., kegs	lb.	.47	- —
Mandelic, bots.	lb.	2.30	- —
dms., 1,000 lbs.	lb.	1.90	- —
smaller lots	lb.	2.15	- —
Mixed, tanks, nitric unit	lb.	.05	- .06
sulphuric unit	lb.	.0085	-.009
Molybdic, kgs., works	lb.	.95	- 1.10
Monochloroacetic, tech., bbls.	lb.	.15	- .18
Monosulphonic, bbls.	lb.	1.00	- —
Muriatic, 18°, cbys., c.l., E. works	100 lbs.	1.50	- —
l.c.l., 25 and over, E. works	100 lbs.	1.75	- —
10 to 24, works	100 lbs.	1.85	- —
1 to 9, works	100 lbs.	2.45	- —
tanks, works	100 lbs.	1.05	- —
20°, cbys., c.l., E. works, 100 lbs.		1.75	- —
l.c.l. 25 and over, works, 100 lbs.		2.00	- —
10 to 24, works	100 lbs.	2.10	- —
1 to 9 works	100 lbs.	2.70	- —
tanks, works	100 lbs.	1.15	- —
22°, cbys., c.l., E. works, 100 lbs.		2.25	- —
l.c.l., 25 and over, works, 100 lbs.		2.50	- —
10 to 24, works	100 lbs.	2.60	- —
1 to 9, works	100 lbs.	3.20	- —
tanks, works	100 lbs.	1.65	- —
cryst., gran., bbls., car lots	lb.	.21	- —
6-lb. bots.	lb.	.16¼	- —
consumers, cbys.	lb.	.06	- —
6-lb. bots.	lb.	.20	- —
Myristic, dist., dms.	lb.	.18¼	- .19¾
Naphthenic, dom., acidity, 160, dms., c.l., works	lb.	.11	Nom.
l.c.l., dms., works	lb.	.11¼	Nom.
tanks, works	lb.	.10¾	Nom.
200-220, dms., c.l., works	lb.	.09½	Nom.
l.c.l., dms., works	lb.	.10	Nom.
tanks, works	lb.	.09	Nom.
240, dms., c.l., works	lb.	.14	Nom.
l.c.l., dms., works	lb.	.14½	Nom.
tanks, works	lb.	No prices	
Nicotinic, 25-lb. cns.	lb.	15.00	-15.50
5-lb. bots.	lb.	16.50	- —
1-lb. bots.	lb.	17.00	- —
Nitric, 36°, cbys., c.l., E. works, 100 lbs.		5.00	- —
l.c.l., 25 and over, E. works	100 lbs.	5.25	- —
10 to 24, works	100 lbs.	5.35	- —
1 to 9, works	100 lbs.	5.95	- —
38°, cbys., c.l., E. works, 100 lbs.		5.50	- —
Western works	100 lbs.	5.75	- —
l.c.l., 25 and over, E. works	100 lbs.	5.75	- —
10 to 24, works	100 lbs.	5.85	- —
1 to 9, works	100 lbs.	6.45	- —
40°, cbys., c.l., E. works, 100 lbs.		6.00	- —
l.c.l., 25 and over, E. works	100 lbs.	6.25	- —
10 to 24, works	100 lbs.	6.35	- —
1 to 9, works	100 lbs.	6.95	- —
42°, cbys., c.l., E. works, 100 lbs.		6.50	- —
l.c.l., 25 and over, works	100 lbs.	6.75	- —
10 to 24, works	100 lbs.	6.85	- —
1 to 9, works	100 lbs.	7.45	- —
C.P., USP., dealers, cbys.	lb.	.11¼	- —
7-lb. bots.	lb.	.22½	- —
consumers, cbys.	lb.	.13	- —
7-lb. bots.	lb.	.24	- —
Oleum (see sulphuric fuming).			
Oxalic, dom., bbls., c.l., works, 10,000 lbs. and over	lb.	.10¾	- —
smaller quantities	lb.	.11	- —
Palm oil, white, dist., dms.	lb.	.12	- .14
tanks	lb.	.07½	- .08
Phenylacetic, bots.	lb.	.07	- —
Phosphoric, ortho, tech., 50%, cbys.	lb.	1.75	- 3.00
75%, cbys.	lb.	.06	- —
USP, 85%, s. g. 1,710, cbys., 180 lbs.	lb.	.07½	- —
50%, s. g. 1.347, cbys., 70 lbs.	lb.	.12	- —
djns., 25 lbs.	lb.	.12	- —
10% dilut., cbys., djns.	lb.	.15	- —
Picramic, kgs.	lb.	.07	- .07½
Picric, bbls.	lb.	.65	- .70
Propionic ref., cbys., works.	lb.	.35	- —
dms., works	lb.	.25	Nom.
tech., cbys., works	lb.	.22	Nom.
dms., works	lb.	.20	Nom.
Pyrogallic, tech., lump, powd., bbls.	lb.	.16	Nom.
cns.	lb.	1.05	Nom.
USP, cryst., cns.	lb.	1.10	Nom.
resubl., cns.	lb.	1.45	Nom.
Pyroligneous, bbls., dlvd. E.gal.		2.05	Nom.
Ricinoleic, com'l, split (see Acid, castor oil, split), tech., dms., c.l., works	lb.	.25	- —
l.c.l., dms., works	lb.	.27	- —
Salicylic, tech., bbls.	lb.	.28	- .33
USP, bbls.	lb.	.33	- —
Sebacic, C.P., bbls., works.	lb.	.35	- .40
tech., bbls., works	lb.	No prices	
Soybean oil, dist., dms.	lb.	No prices	
Stearic, distl., double pressed, bgs., dlvd.	lb.	.09	- .09½
single pressed, bgs., dlvd.	lb.	.12	- .13
triple pressed, bgs., dlvd.	lb.	.11½	- .12¼
saponif., double pressed, bgs., dlvd.	lb.	.14¾	- .15¾
triple pressed, bgs., dlvd.	lb.	.12¾	- .13¾
Succinic, bbls.	lb.	.15½	- .16½
Sulphanilic, CP, bots., works.	lb.	.75	- —
tech., dms., works	lb.	1.60	- 1.68
Sulphonaphthenic, dms.	lb.	.17	- —
Sulphuric, 60°, cbys., c.l., E. works.	100 lbs.	.04	- .10
l.c.l., 25 and over, works, 100 lbs.		1.25	- —
10 to 24, works	100 lbs.	1.50	- —
1 to 9 works	100 lbs.	1.60	- —
tanks, E. works	ton.	2.20	- —
66°, cbys., c.l., E. Works	100 lbs.	13.00	- —

Acacia—Alcohol, Diacetone

Acid, sulphuric, 66°, l.c.l., 25 and over, works	100 lbs.	1.75	- —
10 to 24, works	100 lbs.	1.85	- —
1 to 9, works	100 lbs.	2.45	- —
tanks, E. works	ton.	16.50	- —
98°, tanks, works	ton.	17.50	- —
CP, USP, dealers, cbys.	lb.	.06¼	- —
9-lb. bots.	lb.	.16½	- —
consumers, cbys.	lb.	.08	- —
9-lb. bots.	lb.	.18	- —
fuming, 20%, tanks, E. works,	ton.	18.50	- —
65%, tanks, E. works	ton.	36.00	- —
Tannic, tech., bbls., dms.	lb.	.40	Nom.
USP, fluffy, bbls., 1,000-lb. lots.	lb.	.88	Nom.
100-lb. lots.	lb.	.90	Nom.
25-lb. lots.	lb.	.93	Nom.
powd., bbls., 1,000 lbs.	lb.	.78	Nom.
smaller lots.	lb.	.80	Nom.
Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment,	lb.	.31¼	- —
smaller quantities	lb.	.31¾	- —
kgs.	lb.	.32¼	- —
Tobias, bbls.	lb.	.55	- .60
Trichloroacetic, bots.	lb.	2.00	- 2.50
Tungsten, CP, kgs., wks.	lb.	No prices	
Chem. grade, kgs., wks.	lb.	No prices	
Aconite, leaves, bls.	lb.	.28	- .40
Root, bls.	lb.	.45	- .52
Aconitine, amorph., bots.	oz.	23.00	- —
vls.	gr.	1.00	- —
cryst., bots.	oz.	42.00	- —
vls.	gr.	1.60	- —
Adeps lanae, anhyd., dms.	lb.	.30	- .31
hyd., dms.	lb.	.29	- .30
Agar 1, bls.	lb.	1.30	Nom.
3, bls.	lb.	No prices	
Agaric, white, bls.	lb.	No prices	
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld.	lb.	.13	- —
powd., grade A, same basis, ton lots.	lb.	.15	- —
smaller lots, same basis.	lb.	.18	- —
light, dom., flake, dms., f.o.b. Chicago, frt. alld.	lb.	.55	- .62
import, bgs.	lb.	.60	Nom.
egg, ed., dom., cryst., bbls.	lb.	.62	- .64
dom., powd., dms., bbls.,	lb.	.67	- .69
import, cs.	lb.	.65	- —
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld.	lb.	.111	- —
l.c.l., frt. alld.	lb.	.121	- —
tanks, frt. alld.	lb.	.101	- —
Benzyl, cns.	lb.	.68	- —
drums	lb.	.63	- —
Butyl, normal, cns., works.	lb.	.14½	- .16½
dms., c.l., frt. alld.	lb.	.10	- —
l.c.l., frt. alld.	lb.	.10½	- —
tanks, frt. alld.	lb.	.09	- —
tankwagon, frt. alld.	lb.	.09½	- —
secondary, dms., c.l., frt. paid E. of Miss. R.	lb.	.07½	- —
l.c.l., same terms	lb.	.08	- —
tanks, same terms	lb.	.06½	- —
tertiary, denaturing, c.l., dms.,	lb.	.12½	- —
l.c.l., dms.	lb.	.13	- —
tanks	lb.	.11½	- —
Capryl, pure, dms., works.	lb.	2.50	- —
tech., dms., works	lb.	.85	- —
Cetyl, dom., CP, fiber ctns., 1,000 lbs.	lb.	1.50	- —
500 lbs.	lb.	1.70	- —
100 lbs.	lb.	1.80	- —
25 lbs.	lb.	1.90	- —
5 lbs.	lb.	2.00	- —
com'l, dms.	lb.	.05	- —
import, 85%, 100-lb. dms.	lb.	.55	- —
5 to 10 lbs.	lb.	.75	- —
com'l, 350-lb. dms.	lb.	.45	- —
Cinnamic, bots.	lb.	2.00	- 2.50
Denatured, CD14, dms., c.l., works, E.	gal.	.31½	- —
l.c.l., works, dms.	gal.	.36½	- —
tanks, E., works	gal.	.25½	- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal. in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works.	gal.	.29½	- —
19 bbls., E. works.	gal.	.31½	- —
1 to 18 bbls., E. works.	gal.	.34½	- —
dms., c.l., E. works.	gal.	.28½	- —
19 dms., E. works.	gal.	.30½	- —
1 to 18 dms.	gal.	.33½	- —
tanks, E. works.	gal.	.22½	- —

Anhydrous 3c. per gal. higher.

SD-2B., dms., c.l., works, E.	gal.	.26½	- —
19 dms., works, E.	gal.	.28½	- —
1 to 18 dms., works, E.	gal.	.31½	- —
tanks, E., works.	gal.	.20½	- —
SD23-G, works, E., c.l., dms.,	gal.	.32½	- —
19 dms.	gal.	.34½	- —
1 to 18 dms.	gal.	.37½	- —
tanks	gal.	.26½	- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E. works.	gal.	.29½	- —
20 dms., E. works.	gal.	.31½	- —
1 to 10 dms.	gal.	.34½	- —
tanks, E. works.	gal.	.23½	- —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, dms., c.l., dlvd.	lb.	.12	- —
l.c.l., dlvd.	lb.	.12½	- —
cns., works.	lb.	.16½	- .18½
tanks, dlvd.	lb.	.11	- —
tech., dms., c.l., dlvd.	lb.	.11¼	- —
l.c.l., dlvd.	lb.	.12	- —
cns., works.	lb.	.16	- .18
tanks, dlvd.	lb.	.10¼	- —

SAY, HOW DID YOU INCREASE YOUR PLANT EFFICIENCY SO MUCH, GEORGE?
THAT'S THE RESULT OF WORKING WITH AMERICAN CAN SALES ENGINEERS!

"Packaging is a business within a business, as you well know, John. So we decided we'd be ahead of the game working with an outfit that can offer us all the cooperation American Can does. One of our first benefits was a consultation with American Can Sales Engineers. Out of that came the innovations in our set-up which have resulted in a 20% increase in packaging efficiency. You ought to see what American Can can do for you."

CANCO AMERICAN CAN COMPANY, 230 PARK AVENUE, NEW YORK, N. Y.

Alcohol, ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.55 - —
19 bbls. .....gal. 4.53½- —
1 to 18 bbls.....gal. 4.61½- —
dms., c.l. .....gal. 4.54 - —
19 dms. .....gal. 4.57½- —
1 to 18 dms.....gal. 4.60½- —
tanks .....gal. 4.48 - —
absolute, dms., c.l.....gal. 4.81½- —
19 dms. .....gal. 4.85 - —
1 to 18 dms.....gal. 4.88 - —
Grain alcohol 25c. gal. higher.
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., works..lb. .0690- —
tanks, same terms.....lb. .0590- —
Isopropyl, refd., 91%, dms., 5 gal., f.o.b., dest..gal. .65 - —
55 gal., c.l., same basis.gal. .35½- —
l.c.l., same basis....gal. .36½- —
tanks, frt., alld.....gal. .26½ -
99%, dms., 5 gal., same basis, gal. .65 - —
55 gal., c.l., same basis, gal. .36 - —
l.c.l., same basis ....gal. .41 - —
tanks, same basis.....gal. .31 - —
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.50 - 3.35
Propyl, normal, dms., works, gal. .70 - —
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y., lb. .44 - —
450 lb. lots, same basis..lb. .50 - —
cns., f.o.b., Cedar Rapids, Ia. lb. .55 - —
Alcohol, denat, grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite, bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works, lb. .13 - —
Aletris root, bgs.....lb. .39 - .40
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .22 - .25
Aloe, Cape, cs.....lb. .22 - .24
Curacao, cs.....lb. .55 - .60
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .45 - .50
Aloin, 140-lb. bbls.....lb. 3.25 - —
100-lb. kgs.....lb. 3.27 - —
26-lb. fib. dms.....lb. 3.34 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cube cut, bbls., lb. .45 - .50
peeled, bls.....lb. .47 - .49
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.15 - —
dlvd. N. Y., Phila..100 lbs. 3.15 - —
lump, bbls., works.....100 lbs. 3.40 - —
dlvd. N. Y., Phila..100 lbs. 3.40 - —
powd., bbls., works...100 lbs. 3.55 - —
dlvd. N. Y., Phila..100 lbs. 3.55 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N. Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works, 100 lbs. 3.40 - —
dlvd. N. Y., Phila..100 lbs. 3.40 - —
lump, bbls., works.....100 lbs. 3.65 - —
dlvd. N. Y., Phila..100 lbs. 3.65 - —
powd., bbls., works....100 lbs. 3.80 - —
dlvd. N. Y., Phila..100 lbs. 3.80 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls.....lb. .06¼ Nom.
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, 20%, normal solut., bbls., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .09 - —
52%, basic solut., bbls., c.l., dlvd..lb. .10 - —
l.c.l., dlvd.....lb. .12 - —
basic powd., bbls., dlvd...lb. .40 - —
smaller containers, dlvd., lb. .50 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .08 - —
12,000 to 40,000 lbs., works..lb. .09 - —
1,100 to 11,000 lbs., works, lb. .10 - —
140 to 875 lbs., works.lb. .11 - —
100 lbs. or less, works.lb. .12 - —
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., dms., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Formate, 30%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls., works.....lb. .03½- —
bgs., c.l., works.....lb. .0260- —
light, bgs., c.l., dlvd.....lb. .12 - —
l.c.l., bgs., dlvd.....lb. .12½- —
bbls., c.l., dlvd.....lb. .12½- —
l.c.l., bbls., dlvd.....lb. .13 - —
Oleate, dms, contract.....lb. .17½- —
open order .....lb. .17½- .20
Palmitate, precip., bbls.....lb. .20 - .22
Resinate, precip., dms., dlvd..lb. .15 -
Stearate, precip., bbls., ctns., c.l..lb. .17½- —
l.c.l., ton.....lb. .18½- —
less than ton.....lb. .22½- —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald..100 lbs. 1.35 - —
l.c.l., works, frt. equaled 100 lbs. 1.60 - —
iron-free, bgs., c.l., works, 100 lbs. 1.45 - —
l.c.l., works....100 lbs. 1.70 - —
bbls., c.l., works...100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 1.90 - —
Aluminum 98-99%, c.l.....lb. .20 - —
l.c.l. .....lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .63 - —
ink, dms., 1,500 lbs.....lb. .75 - —
standard, dms., 1,500 lbs..lb. .40 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .52 - —
standard, dms., 1,500 lbs.lb. .37 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .42 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .37 - —
standard, dms., 1,500 lbs..lb. .42 - —
rubber compound, dms., 1,500 lbs..lb. .49 - —
Aluminum unpolished, dms., 1,500 lbs..lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .40 - —
Aluminum paste and powder prices are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. higher for 50 lbs.; 3c. per lb. higher for 10 lbs.; 5c. per lb. higher for 2 lbs.; 8c. per lb. higher for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.
Ambergris, gray, tins.....oz. 17.00 -36.00
Aminopyrine, 100-lb. dms.....lb. 4.00 - —
5-lb. bots.....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
dms., dlvd.....lb. .23 - .26
Aldehyde, dms.....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works..lb. .04½- —
refrigeration, tanks, works, lb. .05 - —
pure, cyls., dlvd., met. N.Y.lb. .16 - —
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l. .....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), f.o.b. works.....lb. .04 - —
Benzoate, dms., 4,000 lbs. or more..lb. .40 - .42
1,000 lbs. to 3,900 lbs....lb. .41 - .43
900 lbs. or less.....lb. .42 - .46
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs. to 3,900 lbs....lb. .41 - —
900 lbs. or less.....lb. .42 - —
Bicarbonate, bbls., dlvd., Met. N. Y..lb. .0555- —
kgs., same basis.....lb. .0606- —
Bichromate, bbls.....lb. .30 - .32
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kegs .....lb. .36 - —
Carbonate, lump, bbls., dlvd., Met. N. Y...lb. .08 - —
kgs., same basis.....lb. .11 - —
cns., same basis.....lb. .13½- —
Powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225-lb. bbls....lb. .12 - .18
100-lb. kgs.....lb. .15 - —
Citrate, dms.....lb. .60 - —
cns.. .....lb. .55 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, dms.....lb. 1.25 - 1.27
jars .....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls., lb. .12 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Nitrate, tech., bgs., works, 100 lbs. 4.35 - —
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
pure, gran.....lb. .32 - —
Perchlorate, kgs.....lb. .16 - .18
Persulphate, kgs., dom.....lb. .21 - .22
imported, kgs.....lb. .18 - —
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fert. grade), 11% N 48% phos- bulk, f.o.b. E. works.. unit-ton. 1.20 & .70
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.20
Silicofluoride, imp., bbls., ex-dock N.Y..lb. .12½ Nom.
Stearate, anhydrous .....lb. .24½- —
paste .....lb. .06½- —
Sulphate, dom., bulk, c.l., f.o.b. Dec. shipt..ton. 27.75 - —
Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.
Sulphide, liquid, 40-45%, basis, 100%, dms., c.l., dlvd..lb. .08 - —
l.c.l., works.....lb. .12 - .13
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .07½- —
dms., works.....lb. .05½- —
yellow, 33%, cbys., works..lb. .07½- —
dms., works.....lb. .05½- —
Sulphocyanide, pure, 99-100%, kgs..lb. .65 Nom.
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., c.l., works..100 lbs. 4.45 - —
l.c.l., same basis...100 lbs. 5.00 - 5.15
import, csks. .....100 lbs. No prices
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11½- —
cns., works.....lb. .17 - .19
ex pentane, dms., c.l., frt. alld..lb. .10½- —
l.c.l., frt. alld.....lb. .11½- —
tanks, frt. alld.....lb. .09½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caprocate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works, lb. .0565- —
l.c.l., works.....lb. .0665- —
tanks, works.....lb. .0465- —
Amyl, nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works, lb. 1.10 - —
Oleate, dms., l.c.l., works..lbs. .25 - —
Salicylate, 5 lbs., bots., 25 dms., l.c.l., works..lb. .26 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. 1.02 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots. .....lb. 1.05 - 1.15
Angelica root, dom., bls.....lb. .23 - .24
import, natural, bls.....lb. .60 - .70
twisted, bls.....lb. .95 - 1.25
Angostura bark, bls.....lb. .28 - .32
Anilin oil, dms.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Bulgarian, bgs.....lb. .14½- .15
Mexican, bgs.....lb. .13 - .14
Spanish, bgs.....lb. .28 - .29
Star, bgs.....lb. .17 - .17½
Anisic aldehyde, bots.....lb. 2.65 - 2.75
Annatto paste, bxs.....lb. .34 - .39
seed, bgs..... .....lb. .06½- .07
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., wks.....lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .14 Nom.
Needle, powd., kgs.....lb. .20 Nom.
Oxide, bgs., c.l.....lb. No price
l.c.l. .....lb. No price
Salts, 65%, kgs.....lb. .42 Nom.
White pigment, bgs., f.o.b. Laredo, Tex..lb. .15½ Nom.
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 28.20 -28.70
Archil extract, con., bbls.....lb. No prices
double, bbls. .....lb. No prices
triple, bbls.....lb. No prices
Areca nuts, powd., bbls.....lb. .13 - .16
Arecoline hydrobromide, bots..oz. 6.00 - 6.10
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. No prices
Arnica flowers, bls.....lb. .38 - .40
Root, bls.....lb. .49 - .51
Arrowroot, St. Vincent, powd. bgs..lb. .09 - .09½
bbls. .....lb. .09½- .10
Arsenic, metal, lump, cs.....lb. No prices.
Chloride (arsenous), cns .....lb. 4 85
Iodide (arsenous), 5-lb. bots.lb. 5.58 - —
jars .....lb. 5.43 - —
Red, import, cs.....lb. .19 - .20
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .08 -
l.c.l. .....lb. 08½
Asafetida, cs. .....lb. .60 - .65
powd., bbls., bxs.....lb. .80 - .85
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton. 30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton. 25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton. 16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 14.00 - —
Asphaltum, Manjab No. 10, crude, tons, f.o.b. plant.....lb. .04½- —
smaller lots, f.o.b. plant, lb. .05½- —
process form, bgs., 20 tons, f.o.b. plant.....lb. .05 - —
smaller lots, f.o.b. plant..lb. .06 - —
California, dms., c.l., f.o.b. N. Y..ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N. Y..lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points.. ton. 32.00 - —
seconds, bgs., c.l., Western shipt. points..ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 51.00 - —
Jet., bgs., c.l., Western shipping points..ton. 30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots. .....oz. 7.00 - —
Sulphate, bots.....oz. 4.00 - 4.25

B

Balm of Gilead buds, bgs.....lb. .45 - .50
Barberry bark, bgs.....lb. .37 - .39
Tree bark, bls.....No prices
Barbital, cs.....lb. 3.25 - 3.35
Barium carbonate, natural, 90-96%, grd., bgs., c.l., works, ton. 45.00 -47.00
99% thru 200 mesh, bgs., c.l., works..ton. 47.00 -49.00
precip., bgs., c.l., works..ton. 52.50 - —
Chicago .....ton. 55.00 - —
l.c.l., works.....ton. 57.50 - —
Chicago .....ton. 60.00 - —
bbls., c.l., works..ton. 57.50 - —
Chicago .....ton. 60.00 - —
l.c.l., works.....ton. 62.50 - —
Chicago .....ton. 65.00 - —
sulphur-free, bgs., c.l., works, ton. 57.50 - —
l.c.l., works.....ton. 62.50 - —
Chlorate, kgs.....lb. .25 Nom.
Chloride, CP., cryst., bbls...lb. .25 - —
kgs. .....lb. .27 - —
tech., dom., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton. 77.00 - —
bbls., same basis..ton. 79.00 - —
l.c.l., bgs., same basis, ton. 90.00 - —
bbls., same basis...ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla., ton. 81.00 - —
bbls., same basis...ton. 83.00 - —
bbls., l.c.l., bgs., same basis..ton. 94.00 - —
bbls., same basis..ton. 96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz. ton. 87.00 - —
bbls., same basis..ton. 89.00 - —
l.c.l., bgs., same basis, ton. 100.00 - —
bbls., same basis..ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 88.00 - —
bbls., same basis..ton. 85.00 - —
l.c.l., bgs., same basis.ton. 96.00 - —
bbls., same basis..ton. 96.00 - —

Alcohol, Ethyl—Black, Carbon

Barium, dioxide, dms.....lb. .11 - .15
Fluoride, bbls. .....lb. .14 - .18
Fluosilicate, bbls. .....lb. .16 - —
Hydrate (see Hydroxide).
Hydroxide, bbls., imp.....lb. .06½ Nom.
dom., works.....lb. .06½- .07
Iodide, bots.....lb. 4.77 - —
jars .....lb. 4.62 - —
Monoxide (see Oxide).
Nitrate, cks.....lb. .10¼-Nom.
Oxide, dms.....lb. .09 - 11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago .....ton. 31.15 - —
Cleveland .....ton. 33.50 - —
New York.....ton. 32.00 - —
l.c.l., ex warehouse, St. Louis..ton. 22.85 - —
ex car, Baltimore....ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore..ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.35 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City.....ton. 30.93 - —
Los Angeles.....ton. 42.00 - —
New York.....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.50 - —
southern off color, bulk, mines, ton. 12.00 - —
95.75%, bulk, mines....ton. 16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton. 11.00 - -
German, grd., bbls., c.l., dock, t.a..ton. No price.
l.c.l., ex whse.....ton. No prices.
ungrd., bulk, c.l., ex dock.ton. No prices
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex whse. .....ton. 32.50 Nom.
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....lb. .82 - .90
Bayberry bark, bgs.....lb. .14 - .15
Belladonna leaves, bls.....lb. .24 - .30
Root, bls.....lb. .40 - .55
Bentonite, 200 mesh, bgs., Wyo., works..ton. 11.00
325 mesh, bgs., Wyo., works, ton. 16.00
Benzaldehyde, tech., cbys., dms., lb. .55 - .60
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .93
Benzene (see benzol).
Benzidin base, bbls., lb.
Benzol, 90%, dms., returnable, works..gal. .21 - —
tankcars, frt. alld. E. of Omaha, gal. .16 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .16 - —
export .....gal. .17 - —
Benzoyl chloride, cbys.....lb. .23 - .28
Peroxide, pure, gran, 98 works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.s., f.f.c., cans lb. .84 -
dms. .....lb. .80 - —
Chloride, 96.97%, refd., dms., lb. .19 - .21
Cinnamate, cns.....lb. 4.15 - 5.00
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb. 17.25 -17.50
Hydrochloride, cns.....lb. 17.25 -17.50
Sulphate cns .....lb. 17.25 -17.50
Berberis root, bls.....lb. .11 - .12
Betanaphthol, sublim., kgs.....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib., dms.....lb. 2.10 - —
kgs .....lb. 2.00 - —
Betanaphthylamine, tech., kgs. lb.
Beth root, bls.....lb. .19 - .21
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.46 - —
cns. .....lb. 3.35 - —
Bismuth metal—Cellulose metal, ton lots..lb. 1.25 - —
Nitrate, cryst., 5-lb. bots...lb. 1.45 - —
cns. .....lb. 1.30 - —
Oxychloride, 5-lb. bots.....lb. 3.19 - —
cns., kgs.....lb. 3.10 - —
Subbenzoate, 5-lb. bots.....lb. 3.26 - —
fib. dms.....lb. 1.13 - —
Subcarbonate, bots., cns.....lb. 1.82 - 2.06
fib. dms.....lb. 1.73 - 1.76
X-ray, 5-lb. bots.....lb. 3.02 - —
fib. dms.....lb. 2.96 - —
Subgallate, bots., cns.....lb. 1.77 - 2.06
fib. dms.....lb. 1.68 - 1.71
Subiodide, cns.....lb. 4.01 - —
fib. dms.....lb. 3.96 - —
Subnitrate, powd., bots., cns..lb. 1.57 - 1.62
fib. dms.....lb. 1.48 - 1.51
Subsalicylate, 62-66%, bxs...lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia, citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt., alld. E..lb. .17 - —
l.c.l., frt. alld. E.....lb. .17½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .13 - —
l.c.l., frt. alld., E.....lb. .13½- —
2, bbls., bgs., c.l., frt. alld., E..lb. .11½- —
l.c.l., frt. alld. E.....lb. .12 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
4, bbls., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
6, bbls., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
7 bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —
8, bbls., bgs., c.l., frt. alld. E. lb. .11 - —
l.c.l., frt. alld. E.....lb. .11½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
ca., l.c.l., dlvd.....lb. .07½- —

Black, Carbon—Charcoal

Black, carbon, 2, bgs., c.l., works, lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
bgs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16¼- —
4, bgs., c.l., works.....lb. .29 - —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works...lb. .40 - —
cs., c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., cs., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra) .....lb. .03¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0610- —
cs., dlvd., rail, Zone B, 50,000 lbs., dlvd., Zone C (Pac. Cst.. States).....lb. .0619- —
30,000 lbs., dlvd., Zone C. (Pac. Cst. States)..lb. .0635- —
D (Ill., Ia., Wis.)...lb. .0634- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)....lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico), f.o.b. border..lb. .03 - —
f.o.b. N. Orleans.lb. .0290- —
l.c.l., f.o.b. whse.....lb. .03¾- —
bgs. or ctns. (seller's option), l.c.l. dlvd..lb. .06¼- —
cs., l.c.l., dlvd.....lb. .07 - —
expert, full compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s., Gulf ports..lb. .05¼ Nom.
Black, carbon, standard, bulk, tanks, same price as bags in each zone.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, pure, bbls., l.c.l., works..lb. .03¾- —
2, bbls., l.c.l., works...lb. .03 - —
Ivory, genuine, bbls.....lb. .30 - —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .19 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N.Y...lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y...lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls, c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
vine, A, bbls., works or N.Y. lb. .04¼- —
B bbls. works or N. Y....lb. .06¼- —
works..lb. .13¼- .15¼
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
Black dyes are listed under Dyes.
Black Haw, root bark, bls....lb. .24 - .26
Tree bark, bls.....lb. .14 - .15
Black Indian hemp root, bls...lb. .18 - .20
Blanc fixe, dry, by-product, bgs., c.l., works..ton.47.50 - —
l.c.l., works.....ton.55.00 - —
direct process, bgs., c.l. works, frt. equal.ton.57.00 - —
l.c.l., same basis....ton.65.00 - —
pulp 66⅔%, bbls., c.l., works, ton.32.00 - —
l.c.l., works.....ton.39.00 - —
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.50 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.90 - 3.95
import, bgs., c.i.f. ports, shipt., unit-ton. 3.45 - —
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —

Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ¼c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .33 - —
open order.....lb. .34 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .33 - —
open order.....lb. .34 - —
soluble, bbls., same basis alkali toner, contracts. lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equal..lb. .22 - .27
jobbing grades, bbls., same basis..lb. 11 - —
regular grades, bbls., same basis...lb. .16 - .27
Blue, ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c., higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls. .....lb. .13 - .14
Blue mass, USP, cns.....lb. 1.47 - —
powd., cns.....lb. 1.49 - —
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b., works...100 lbs. 4.75 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.90 - —
6-15 bbls., same basis, 100 lbs. 5.10 - —
1-5 bbls., same basis....100 lbs. 5.35 - —
monohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 9.35 - 9.60
l.c.l., dealer.....100 lbs.10.35 -10.60
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.32.00 -35.00
import, bgs., c.i.f. ports.ton.30.00 - —
Meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.31.00 -32.00
import, 100-lbs., bgs., c.i.f., ports, shipt..ton.32.00 - —
Phosphate, precip. (see Calcium phosphate dibasic, precip.)
Steamed, dom., 1¼% ammon., 60% phos. bgs., f.o.b., Chicago..ton.29.00 -30.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton. No prices.
Boneset leaves, bales.....lb. .08 - .09
Borage flowers, bales.....lb. .20 - .25
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
gran., sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 3.50 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .60 - .65
moulding, cns., dms., over 10 lbs..lb. .80 - 1.00
printing ink, cns., dms., over 10 lbs..lb. .85 - 1.20
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .14 - .15
Brown, iron oxide, pure precip., cks., f.o.b. N.Y.....lb. .11¼- —
Metallic, iron oxide, bbls., works, lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., f.o.b. works..lb. .03¼- —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12½- —
2, bbls., same basis...lb. .11¼- —
3, bbls., same basis...lb. .10½- —
4, bbls., same basis...lb. .09 - —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .08¼- —
8, bbls., same basis...lb. .08 - —
9, bbls., same basis...lb. .07½- —
10, bbls., same basis..lb. .07¼- —
11, bbls., same basis..lb. .07 - —
12, bbls., same basis..lb. .06½- —
13, bbls., same basis....lb. .06¼- —
14, bbls., same basis..lb. .05¾- —
raw, American, bbls., f.o.b. works..lb. .02¾- —
Italian, Group 1, bbls., f.o.b. N.Y. or works..lb. .12¾- —
Group 2, bbls., same basis, lb. .11½- —
3, bbls., same basis...lb. .11¼- —
4, bbls., same basis...lb. .09¾- —
5, bbls., same basis...lb. .09¼- —
6, bbls., same basis...lb. .08¾- —
7, bbls., same basis...lb. .09 - —
8, bbls., same basis...lb. .07½- —
9, bbls., same basis...lb. .07 - —
10, bbls., same basis..lb. .06¼- —
11, bbls., same basis..lb. .05¼- —
Umber, American, bbls., works, lb. .03¼- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N. Y.....lb. .04¼- —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .05 - —
ex whse., Los Angeles, Portland, San Francisco, Seattle..lb. .05½- —
Boston .....lb. .04¾- —
Chicago, Indianapolis, New Orleans.....lb. .05 - —
Kansas City.....lb. .05½- —
Los Angeles, Portland, San Francisco, Seattle .....lb. .04⅞- —
Minneapolis .....lb. .0510- —
Pittsburgh .....lb. .04¾- —
Vandyke, bbls., l.c.l.....lb. No prices.
Walnut crystals, bbls.....lb. .06½- —
Brucine, 100 oz., cns.....oz. .15 - —
Sulphate, 100 oz., cns.....oz. .12 - —
Bryonia root, bls.....lb. .15 - .16
Buchu leaves, bls.....lb. .80 - .85
Buckthorn bark, true, bls.....lb. .12 - .15
cut and sifted, bbls.....lb. .16 - .18
Berries, bgs.....lb. .25 - .30
Burdock root, bls.....lb. .14 - .15
Burgundy pitch, dom., dms...lb. .05½- .06
Butane, coml., 16-34°, tanks, group 3..gal. .02½- .03
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., wks., lb. .14½- .16½
c.l., frt. alld. .....lb. .10 - —
l.c.l., frt. alld.....lb. .10½- —
tanks, frt. alld.....lb. .09 - —
tankwagons, frt. alld.....lb. .09½- —
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Butyl chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .23 - —
Crotonate, normal, 55 gal. dms., dlvd..lb. .35 - —
5 gal. cns.....lb. .75 - —
1 gal. cns.....lb. 1.00 - —
Ether (see under Ether).
Lactate, dms. .....lb. .23½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .28½- —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.56 - —
single jars.....lb. 1.61 - —
5-lb. bots.....lb. 1.75 - —
Iodide, 5-lb. bots.....lb. 4.19 - —
25-lb. cns.....lb. 4.05 - —
Lithopone (see Yellow).
Metal pat. shapes cs.....lb. .80 - —
ingots, or sticks.....lb. .75 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs. or more..lb. 2.20 - —
2,000 lbs. or more.....lb. 2.25 - —
1,000 lbs. or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb. dms., 10,000 lbs. or more..lb. 2.23 - —
2,000 lbs. or more.....lb. 2.28 - —
1,000 lbs. or more.....lb. 2.33 - —
100 lbs.....lb. 2.43 - —
25 lbs.....lb. 2.55 - —
10-lb. cans, 10,000 lbs. or more..lb. 2.25 - —
2,000 lbs. or more.....lb. 2.30 - —
1,000 lbs. or more.....lb. 2.35 - —
100 lbs.....lb. 2.40 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cans, 25 lbs. or more..lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .27 - .28
Calamus root, peeled, N.F., cs., lb. .20 - .22
bleached, bls.....lb. .60 - .65
Calcium acetate, bgs., dlvd., 100 lbs. 1.90 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06½- .06¾
Southern cotton states, bgs., dms..lb. .06½- .06¾
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms., c.l., dlvd.....lb. 4.75 - —
l.c.l., f.o.b. warehouse....lb. 4.85 - —
Carbonate (see Chalk and Whiting)
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd..ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.60 - 2.20
Gluconate, USP, gran., powd., 125-lb. bbls..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, USP, bbls., 200 lbs..lb. .23 - —
Nitrate, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports, for shipment during Dec.-Jan.-Feb..ton.28.50 - —
Palmitate, bbls.....lb. .23½- .24½
Phosphate, dibasic, precip., 38-40% P_2O_5, bgs., c.i.f., Atlantic ports, shipt...unit-ton. No prices
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton, lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .20½- —
l.c.l., 1 ton.....lb. .21½- —
Sulphate (see Gypsum).
Sulphide, 70%, CaS., bgs., c.l., works..ton.46.00 - —
80%, CaS., bgs., c.l., wks.ton.51.00 - —
luminous, dom., tins, works, 100 lbs..lb. 1.25 - —
Sulphocarbolate, bbls., 200 lbs., lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .39 - .40
Calomel, bbls., fib., dms., kgs., 50 lbs. or more..lb. 2.45 - —
Camphor, natural, powd., cs..lb. .74 - .77
slabs, cs.....lb. .74 - .77
tablets, tins.....lb. .82 - .90
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .35 - —
smaller lots, works....lb. .40 - —
USP, or import., gran. powd., bbls., 2,000-lb. lots..lb. .55 - —
1,000-lb. lots.....lb. .56 - —
smaller lots.....lb. .57 - —
tablets, 2,000-lb. lots....lb. .68 - —
1,000-lb. lots.....lb. .69 - —
smaller lots.....lb. .70 - —
Monobromate, bxs., kgs.....lb. 1.90 - 1.95
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs...lb. .04 - .04½
Morocco, bgs.....lb. .04 - .04½
Turkish, bgs.....lb. .04 - .04½
Canella alba bark, bls.....lb. .45 - .50
Cantharides, Chinese, cs.....lb. .90 - .95
powd., bxs.....lb. 1.10 - 1.15
Russian, cs.....lb. 2.75 - 2.80
powd., bxs.....lb. 2.85 - 2.90
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .15 - .15½
Russian, bgs.....lb. .13½- .14
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works .....lb. .34 - —
tanks, works .....lb. .32 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .03 - —
l.c.l., same basis.....lb. .03¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, Zone 1, 52½-gal. dms., c.l., frt. alld. gal. .66½- —
l.c.l., frt. alld.....gal. .73 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .93 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l., frt. alld.....gal. 1.20 - —
Zone 4, 52½-gal. dms., c.l.gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2 includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom, bleached, cs.....lb. 1.40 - 1.70
decorticated, cs.....lb. 1.00 - 1.05
green, bgs.....lb. .80 - .81
Carob bean flour (see Gum, Locust bean).
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .14 - .16
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .17 - .18
5 tons, works.....lb. .18½- .19¼
smaller lots, works.....lb. .20 - .21
80-100 mesh, bgs.....lb. .17½- .18½
5 tons, works.....lb. .19½- .20½
smaller lots, works.....lb. .20½- .21½
import, Argent., 20-80 mesh, bgs., c.l., duty pd...lb. .14 - —
80-100 mesh, bgs., c.l., duty paid..lb. .14½- —
French, 80 mesh, bgs., c.l., duty paid..lb. .14 Nom.
Cassia, Batavia, No. 1, bls....lb. .18 - .19
shortstick, bls.....lb. .13¾- .14¼
broken, bls.....lb. .13½- .14
China, rolls, select, bls.....lb. .09¾- .10¼
broken, extra, bls.....lb. .10¼- .10¾
Saigon, bls. .....lb. .15½- .16
Cassia buds, cs.....lb. .13 - .13½
Cassia fistula, bskts.....lb. .13 - .14
Castile soap, Italian, white, bars, 40 lb. cases..case.14.00 - —
powd, bbls.....lb. .23 - .30
Castoreum, nat., cns.....lb.15.00 -18.00
synth, bots.....lb.19.00 - —
Castor beans, Brazilian, f.o.b. shipt. ports..ton.83.00 - —
Oil (see Oil, castor).
Pomace, dom., 6½%, ammon., bgs., c.l., works..ton.17.50 - —
Import, bgs., c.i.f. ports, shipment..ton.20.00 - —
Celery seed, French, bgs.....lb. .18 - .18½
Indian, bgs.....lb. .15 - .15½
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., cs., 5,000 lbs. and over, frt. alld..lb. .35 - —
100 to 4,999 lbs., same basis..lb. .38 - —
less than 100 lbs., works, lb. .37 - —
acetate-butyrate, high (20-40% butyryl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld....lb. .43 - —
smaller pkgs., works.....lb. .44 - —
medium (10-10.9%), 100-lb. ctn., 5,000 lbs.and up, frt alld...lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works.....lb. .46 - —
Acetate-propionate, high (20-40% propionyl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld.....lb. .46 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld.lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .43 - —
100-900 lbs., frt. alld....lb. .43 - —
smaller pkgs., works.....lb. .44 - —
medium (10-19.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works.....lb. .46 - —
Triacetate, flake, cs., 5,000 lbs. and over, frt. alld...lb. .35 - —
100 to 4,950 lbs., same basis..lb. .36 - —
less than 100 lbs., works, lb. .37 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .35 - .40
Roman, bls.....lb. .45 - .50
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.32.40 - —
Colo. .....ton.29.00 - —
Conn., Me., Mass., N. H., R. I., Vt., ton.32.80 - —
Ill. (except river point), Minn., Neb., Wis., ton.27.00 - —
Indiana .....ton.28.00 - —
Mo., Okla., Tex. (except El Paso)...ton.25.00 - —

Charcoal, softwood, gran., c.l., dlvd., Kansas, El Paso, Tex..ton.26.00 - —
Michigan .....ton.29.80 - —
Ohio .....ton.29.80 - —
Penn. .....ton.31.80 - —
Utah .....ton.86.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 56% tan., bbls., c.l., wks..lb. .02¼- —
l.c.l., bbls., wks.....lb. .02¾- —
tanks, wks.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
Import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila..ton.26.00 Nom.
powd., csks., l.c.l., ex dock, ton.39.00 Nom.
ex whse.....ton.42.00 Nom.
Chloral hydrate, bots., 1,000 lbs., lb. .93 - 1.02
500 lbs.....lb. .96 - 1.05
100 lbs.....lb. .98 - 1.07
25 lbs.....lb. 1.00 - 1.09
1-10 lbs.....lb. 1.05 - 1.12
dms., 1,000 lbs.....lb. .90 - —
500 lbs.....lb. .93 - —
100 lbs.....lb. .95 - —
Chlorinated rubber, 5 cps., bgs., c.l., works..lb. .40 - —
ton lots, works.....lb. .42 - —
smaller lots, works.....lb. .45 - .50
10-1,000 cps., bgs., c.l., works, lb. .35 - —
ton lots, works.....lb. .37 - —
smaller lots, works.....lb. .40 - .45
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05¼- —
contracts, dlvd., N. Y..lb. .05¼- —
l.c.l., dlvd., N.Y.....lb. .07¼- —
tanks, single unit, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, wks., frt. equald., 100 lbs. 1.90 - —
2, works, frt. equald., 100 lbs. 2.15 - —
1, works, frt. equald., 100 lbs. 2.60 - —
Chloracetophenone, tins, works..lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms..lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, comi, 150-lb. cyls., works..lb. .80 - —
100 lb. cyls., works.....lb. .85 - —
5-25 lb. cyls., works.....lb. 1.00 - 1.15
Chrome acetate, powd., 24%, bbls., dlvd..lb. .18¼- —
solut., 8¼% cr., bbls.....lb. .05¾- —
Cake, bulk, c.l., works.....ton.16.00 - —
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms..100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, 5-lb. bot.....lb. 5.00 - —
Cinchona bark, quill, USP., 10 in., medium, cs..lb. .70 - .75
20 in., thick, cs.....lb. .70 - .75
20 in., medium, cs.....lb. .30 - .35
USP, broken quill, red, bgs., lb. .30 - .33
yellow, bgs.....lb. .30 - .35
Cinchonidine, crys., small cns., 100 ozs..oz. .86 - —
large, cns.....100 ozs..oz. .90 - —
powd., cns.....100 ozs..oz. .83 - —
Sulphate, N.F., cns.100 ozs..oz. .50 - —
Cinchonidine buyers must pay a surcharge of 4c. per oz., to cover present war risk insurance, higher ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Cinchonine, crys., small, cns., 100 ozs..oz. .58 - —
large, cns.....100 ozs..oz. .62 - —
powd., cns.....100 ozs..oz. .54 - —
Sulphate, N.F., cns.100 ozs..oz. .38 - —
Cinchonine buyers must pay a surcharge of 4c. per oz., to cover present war risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Cinchophen, USP, boxes, 5 lbs., lb. 3.90 - —
bots., 1 lb.....lb. 3.42 - —
dms, 100 lbs.....lb. 3.15 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .19½- .20
3 bls.....lb. .19 - .19½
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine ointment, jars, tubes..lb. .87 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.60 - 1.85
Clove, Madagascar, bls.....lb. No prices
Zanzibar, bls.....lb. .17½- .18
Clover tops, bgs.....lb. .30 - .35
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works...bbl. 6.00 - 6.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works, dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .65 - .67
Carbonate, pwd., bgs., wks., lb. 1.35 - 1.40
Chloride, kgs., wks.....lb. .76 - 1.20
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 9%, dms....lb. .31 - —
solid, 8¼%, bbls.....lb. .52 - —
Oleate, bbls.....lb. .26 Nom.
Oxide, black, kgs.....lb. 1.84 - —
Resinate, fused A, bbls.....lb. .13½- —
1%, bbls.....lb. .15 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .65 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
Teneriffe, silver, bgs.....lb. .38 - .39
Cocoa butter, bulk, c.l., bgs...lb. .13 - .13¼
Cocillana bark, bgs.....lb. .40 - .45
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).

Cohosh, black, root, bls.....lb. .06¾- .07
Blue, root, bls.....lb. .06 - .07
Colchicine, bots., 4 ozs.....oz.18.00 - —
single, ozs.....oz.19.00 - —
Colchicum seed, bgs.....lb. .35 - .37
Collodion, USP, dms., 525 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 525 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth root, bls.....lb. .58 - .60
Colombo root, bls.....lb. .18 - .20
Coltsfoot leaves, bgs.....lb. .15 - .16
Condurango bark, bgs.....lb. .14 - .16
Conium leaves, bls.....lb. .30 - .32
Copaiba balsam, Para, cns....lb. .34 - .35
S. A. USP, cns.....lb. .36 - .37
Copper acetate, normal, bbls., dlvd..lb. .22 - —
smaller containers, dlvd..lb. .24 - —
Carbonate, 53-54%, bbls.....lb. .1600 Nom.
Chloride, cryst., bbls.....lb. .18 Nom.
Cyanide, tech., bbls.....lb. .34 Nom.
Iodide, bots.....lb. 5.15 - 5.19
Metal, electrolytic.....lb. .12¼- —
Nitrate, cryst., bbls.....lb. .17 Nom.
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, 79-80% bbls., tons, works..lb. .18¾ Nom.
Red, com'l., 80-85%, kgs., f.o.b. N. Y..lb. .20 Nom.
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .34½- .35½
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l. works..ton.19.00 - —
bbls., c.l., works.....ton.21.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.45 - —
5-24, works.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.16.00 - —
Copra, Coast, shipt.....lb. .0195 Nom.
Coriander seed, Morocco, bgs...lb. .04¼- .04¾
bleached, bgs.....lb. .09½- .10
Corn sugar, Tanner's chipped, bgs., c.l., dlvd..100 lbs. 2.99 - —
elabs, bbls., c.l.....100 lbs. 2.91 - —
solid, bbls., c.l.....100 lbs. 3.03 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.02 - —
43°, bbls., c.l.....100 lbs. 3.07 - —
Cornsilk, bls.....lb. .14 - .15
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 2.04 - —
gran., powd., dms., 50 lbs. or more..lb. 1.89 - —
Cottonroot bark, bls.....lb. .11 - .12
Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd., unit-con.lb. 1.10 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.85 - 3.90
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls.....lb. .23 - .24
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .13½- .14
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .25¼- —
smaller lots, bbls.....lb. .25¾- —
kgs.....lb. .26¼- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Creosote, oil, crude, tanks, works, gal. .13¼- .14½
Coaltar, solution, tanks, works, gal. .122 - .123
refd., bbls., l.c.l., works..gal. .25 - —
tanks, works.....gal. .18 - .18¼
Cresol, USP, dms., c.l., works..lb. .09¾- —
l.c.l., same basis.....lb. .10¼- —
special resin grade, dms., c.l., works..lb. .08¾- —
l.c.l., same basis.....lb. .09¼- —
Crotonaldehyde, 97%, 55 and 110 gal. c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works..lb. .18 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .28
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs.....lb. .27 - .28
4% rotenone prices are 4c. per lb. less.
Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs.....lb. .42 - .44
powd., cs.....lb. .47 - .48
Culver's root, bls.....lb. .15 - .16
Cumin seed, Algerian, bgs....lb. No stocks.
Morocco, bgs.....lb. .16 - .16½
Cutch, Borneo, extract, solid, contract, f.o.b. N. Y. duty paid..lb. .04½- —
Cyanamide, 22%, N_2, pulv., bgs., dlvd., contracts, N_2 unit ton. 1.27½- —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .19¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
Cyclohexane, 98-100%, dms., works, frt. alld, E. of Rockies...lb. .25 - —
Cyclohexanol, 98-100%, dms., works, frt. alld. E. of Rockies...lb. .30 - —
Cyclohexanone, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .58 - —

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Damiana leaves, bls.....lb. .35 - .40
Dandelion root, German, bls...lb. .27 - .28
Deertongue leaves, bls.....lb. .11 - .12
Degras, common, dom., bbls...lb. .09½- .10
English, bbls.....lb. .09½ Nom.
neutral, dom., bbls.....lb. .15 - .18
English, bbls.....lb. .15 — .18
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .24 - .28
2,000 lbs. to 10,000 lbs..lb. .26 - .30
1,000 lbs. to 2,000 lbs. lb. .28 - .32
200 lbs. to 1,000 lbs..lb. .30 - .34
4% rotenone prices are 6c. per lb. less.
Derris root, powd., contracts give no protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, extract, 25% rotenone, bulk, cns..lb. 4.00 - 5.00
15% rotenone, bulk cns ...lb. 2.25 - 3.25
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.65 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.75 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.50 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.60 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.35 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.55 - —
Potato, import, bgs.....lb. .07¾ Nom.

Diacetone (see under Alcohol).
Diacetyl, bots.....lb.10.00 -11.00
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .21 - —
l.c.l., dlvd.....lb. .21½- —
tanks, dlvd.....lb. .20 - —
Sulphide, dms., l.c.l., works.lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .48 - .50
tanks, works.....lb. .45 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphtnalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l.....lb. .20 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -35.00
l.c.l., ez whse.....ton.45.00 -150.00
import, bxs., c.l., c.i.f.....ton.23.00 Nom.
Dibutylamine, dms., c.l., works, lb. .60 - —
l.c.l.....lb. .51 - .55
tanks, works.....lb. .48 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19¼- —
tanks, dlvd.....lb. .18 - —
cns., works.....lb. .23¼- .30½
Sebacate, dms., wks.....lb. .45 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0671- —
l.c.l.....lb. .04 - —
tanks.....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .23½- —
l.c.l., works.....lb. .24½- —
tanks, works.....lb. .22½- —
Diethylamine, dms., l.c.l., works, lb. .70 - —
Diethyl carbonate, comi., dms., refd., 99%, dms.....lb. .85 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld lb .19 - —
l.c.l.....lb. .19¼- —
tanks.....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks.....lb. .12 - —
Diethylanilin, dms.....lb. .48 - —
Diethyleneglycol, dms., c.l., works, lb. .14½- —
l.c.l., works.....lb. .15½- —
Monobutylether, dms., works.lb. .22½- .24½
Monoethylether, dms., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .35 - .40
Laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs.....lb. .11 - .11½
Dimetnyl phthalate, dms., c.l., dlvd..lb. .18¼- —
l.c.l., dlvd.....lb. .19 - —
tanks, dlvd.....lb. .17¼- —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l. dlvd.....lb. 1.05 - —
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls., 90° min., lb. .18 - —
Dinitrochlorobenzene, dms....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .15½- —
oily, dms.....lb. .09 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks.....gal. .41 - —
dest. dist., dms.....gal. .45 - .48
tanks.....gal. .38 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls.....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs., or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Doggrass root, cut, bls.....lb. .18 - .20
Dogwood bark, Jamaica, bls., lb. .07 - .09
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .70
reeds, thin, cs.....lb. 1.05 - 1.10
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1, cns..lb.13.50 - —
FD&C blue, No. 2, cns.....lb.13.50 - —
Green, FD&C green, No. 1, cns., lb.13.50 - —
FD&C green, No. 2, cns....lb.17.50 - —
FD&C green, No. 3, cns....lb.27.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
Yellow, FD&C yellow, No. 1, cns..lb. 6.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors) for drugs and cosmetics:—
Brown, D&C brown, No. 1, cns. lb.12.35 - —
Green, D&C green, No. 5, cns. lb.12.35 - —
D&C, green, No. 6, cns....lb.12.35 - —
Orange, D&C orange, No. 4, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10 cns...lb.15.85 - —
D&C orange, No. 11 cns...lb.17.35 - —
Red, D&C, No. 17, cns.....lb. 8.35 - —
D&C, red No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow D&C yellow, No. 7, cns. lb. 8.35 - —
D&C yellow, No. 8, cns....lb. 8.35 - —
Dyes, coaltar (certified colors) for external use drugs and cosmetics:—
Blue,, Ext.D&C blue, No. 1, cns—lb.12.35 - —
Green, Ext.D&C, green, No. 1, cns..lb.12.35 - —

Charcoal—Dyes

Dyes, coaltar (certified colors) for external use drugs and cosmetics:—
Dyes, red, Ext.D&C, red, No. 1, cns..lb.10.35 - —
Ext.D&C, red, No. 10, cns.. lb.12.35 - —
Ext.D&C, red, No. 11, cns. lb.12.35 - —
Ext.D&C, red, No. 13, cns.. lb.12.35 - —
Yellow, Ext.D&C, yellow, No. 1, cns..lb. 8.15 - —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .80 - .95
176 Fast red A.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U.lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B.lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
364 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.35
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN, lb. .45 - .60
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B...lb. .40 - .42
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast, black, FF.lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .25 - .45
583 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow...lb. 2.00 - 2.25
845 Nigrosin (water soluble), lb. .35 - .50
1177 Indigo, 20 p. c. paste.lb. .15 - .18
Benzo fast black L...lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar, for stains, oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives...lb. .38 - .62
Blue:—
1075 Alizarin astrol base..lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
.... Orange, red shade....lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink), lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OR.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .38 - .44
Blue:—
860 Indulin .....lb. .60 - .70
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Dyes, coaltar, for stains, spirit-soluble, Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
806 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet base...lb. .90 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin cashirol B..lb. 1.90 - —
1080 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G...lb. .40 - .53
232 Bismarck brown R...lb. .40 - .53
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
727 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green, lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —

Dyes—Gum, Elemi

Dyes, coal-tar, for stains, water-soluble, red:—
- 81 Amidonaphthol red G. lb. .42 - —
- 87 Amidonaphthol red 9B. lb. .68 - —
- 79 Popceau R. lb. .48 - —
- 88 Fast red B. lb. 1.05 - —
- 176 Fast red A. lb. .54 - —
- 179 Azorubin lb. .60 - .62
- 183 Crocein scarlet 3BX. lb. .72 - .75
- 180 Cochineal red A. lb. .60 - —
- 252 Brilliant crocein M. lb. .68 - —
- 677 Fuchsin lb. 2.10 - —
- 749 Rhodamine B. lb. 3.50 - —
- 752 Rhodamine 6G. lb. 4.50 - —
- 769 Eosin G. lb. 1.50 - —
- 941 Safranin lb. 1.45 - —

Violet:—
- 680 Methyl violet B. lb. .75 - —
- 681 Crystal violet C. lb. 1.70 - —
- 695 Acid violet 4BN. lb. .88 - —

Yellow:—
- 10 Naphthol yellow S. lb. .83 - —
- 138 Metanil yellow. lb. .53 - —
- 636 Fast light yellow. lb. 1.25 - —
- 639 Xylene light yellow. lb. 1.15 - —
- 640 Tartrazin lb. .90 - —
- 655 Auramine lb. 1.37 - —

Dyes, natural (see name of article).

E

Echinacea root, bls. lb. .18 - .19
Egg albumen (see Albumen).
- yolk, dom., bbls. lb. .60 - .62
- imported lb. .58 - .61

Elder flowers, bright, bls. lb. .40 - .45
Elecampane root, bls. lb. .10 - .11
Elm bark, grinding, bls. lb. .10½- .11
- powd., bbls., bxs. lb. .21 - .22
- select, bndls. lb. .19 - .21

Emetine hydrochloride, bots. oz. 19.00 -19.50
Ephedra, bls. lb. .10 - .10½
Ephedrine, tins, 1,000 ozs. oz. 1.50 - —
- tins, 100 ozs. oz. 1.60 - —
- Hydrochloride tins, 1,000 oz., lots. oz. 1.25 - —
- tins, 100 oz., lots. oz. 1.35 - —
- Sulphate, cryst., tins, 1,000-oz. lots. oz. 1.25 - —
- tins, 100-oz. lots. oz. 1.35 - —

Epsom salt, tech., bgs. 100 lbs. 1.80 - —
- bbls. 100 lbs. 1.90 - —
- USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
- l.c.l., 5,000 lbs 1 withdrawal. 100 lbs. 2.25 - —
- smaller lots. 100 lbs. 2.50 - —
- bbls., c.l. 100 lbs. 2.10 - —
- l.c.l., 5,000 lbs., 1 withdrawal. 100 lbs. 2.35 - —
- smaller lots. 100 lbs. 2.60 - —
- kgs., c.l. 100 lbs. 2.35 - —
- l.c.l., 5,000 lbs., 1 withdrawal. 100 lbs. 2.60 - —
- smaller lots. 100 lbs. 2.85 - —
- dried, dom., bgs., l.c.l. lb. .08 - .09

Ergot, USP, cns., dms. lb. 2.90 - 3.25
Eserine, bots. oz. 42.00 - —
Salicylate, bots. oz. 36.00 - —
Sulphate, bots. oz. 36.00 - —
Ether, acetic (see Ethyl acetate)
- Butyl, l.c.l., dlvd. lb. .25 - —

Ethyl (see Ether, sulphuric).
- Nitrous, conc., bots., 100 lbs., lb. .68 - —
- Sulphuric, conc., dms., 120 lbs., lb. .09 - —
- cns., 27 lbs. lb. .14 - —
- synth., dms., c.l., works. lb. .08 - —
- l.c.l., works. lb. .09 - —
- USP, anesthesia, dms., 27 lbs., lb. .28 -
- USP, 1880, dms. lb. .39 - .40
- washed, dms. lb. .37 - .38

Ethyl acetate, 85-90%, dms., c.l., frt. alld. lb. .075 - —
- l.c.l., frt. alld. lb. .08 - —
- tanks, frt. alld. lb. .065 - —
- 95-98%, dms., c.l., frt. alld. lb. .0775- —
- l.c.l., frt. alld. lb. .0825- —
- tanks, frt. alld. lb. .0675- —
- USP, XI, dms., 460 lbs. lb. .09 - —
- cns., 35 lbs. lb. .13 - —

Acetoacetate, dms., c.l., work. lb. .27½- —
- l.c.l., dms., works. lb. .28 - —

Bromide, tech., dms. lb. .50 - .55
Ethyl, caprate, cns. lb. 1.00 - —
Chloride, dms. lb. .18 - .20
Cinnamate, cns. lb. 3.20 - 4.00
Crotonate, 55 gal. dms., dlvd., lb. .35 - —
Formate, cns., dms. lb. .23 - .24
- 5 and 10 gal. dms., dlvd. lb. .75 - —
- 1 gal. cns. lb. 1.60 - —

Iodide, bots. lb. 3.50 - 3.65
Lactate, 55-gal. cns., works. lb. .33½- .39½
- 5-gal. dms., works lb. .37½- .39½

Oxalate, dms., frt. alld. lb. .25 - —
Silicate, l.c.l., dms., works. lb. .17 - —
Vanillin, 25 lbs. lots., cns., lb. 6.00 -
- 5-lb. lots. lb. 6.05 - —
- 1-lb. lots, cns. lb. 6.15

Ethylcellulose, contracts, bgs., c.l., frt. alld. lb. .45 - —
- contracts, 500 lbs. or more, frt. alld. lb. .47 - —
- 500 lbs. or more, frt. alld., lb. .48 - —
- 100 to 499 lbs., frt. alld., lb. .50 - —
- smaller lots, works. lb. .55 - —

Ethylene bromide, dms. lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld. lb. .0595- —
- West of Rockies, same basis. lb. .0644- —
- l.c.l., works, E. of Rockies, frt. alld. lb. .0694- —
- West of Rockies, same basis. lb. .0743- —

Ethyleneglycol, dms., c.l. lb. .14½- —
- l.c.l. lb. .15½- .18½
- tanks lb. .13½- —

Monobutylether, dms., c.l., works. lb. .16½- —
- l.c.l., works lb. .17½- .20½
- tanks, works lb. .15½- —

Monoethylether, dms., c.l., works, lb. .14½- —
- l.c.l., works lb. .15½- .18½
- tanks, works lb. .13½- —

Monoethylether, acetate, dms., c.l., works. lb. .11½- —
- l.c.l., dms. lb. .12½- .15½
- tanks, works lb. .10½- —

Monomethylether, dms., c.l., works. lb. .15½- —
- l.c.l., works lb. .16½- —
- tanks, works lb. .14½- —

Ethylidinanilin, dms. lb. .46 - 47½
Eucalyptol, cns., dms. lb. .85 Nom.
Eucalyptus leaves, bls. lb. .13 - .15
Eugenol, cns., dms. lb. 2.25 - 2.30
Euphorbia, bls. lb. .13 - .15

F

Feldspar, enamel, 100 mesh, bulk, works. ton. 14.00 -17.50
- l.c.l., minimum 2 tons. ton. 17.00 -20.50

glass, 20 mesh, bulk, works. ton. 9.75 -13.25
- l.c.l., minimum 2 tons. ton. 12.75 -16.25

pottery, bulk, Me., works. ton. 17.00 -19.00
- N.C., works. ton. 17.00 -19.00
- l.c.l., minimum 2 tons. ton. 20.00 -22.00

Fennel seed, Indian, bgs. lb. .15 - .16
- German, large, bgs. lb. .33 - .34

Fenugreek seed, bgs. lb. .08 - .10
Ferric Sulphate, anhyd., c.l., works. ton. 35.00 - —
- l.c.l. ton. 40.00 - —

Film scrap, colors, dark, cs., 1,000 lbs., or over, works. lb. .10½- —
- smaller lots, works. lb. .12 - —
- light, cs., 1,000 lbs. or over, works. lb. .11½- —
- smaller lots, works. lb. .13 - —
- water white, cs., 1,000 lbs., or over, works. lb. .12½- —
- smaller lots, works. lb. .14 - —

Fir balsam, Canada, cns. gal. 12.75 -13.00
- Oregon, bbls. gal. 1.10 - 1.15

Fish berries, bgs. lb. .15 - .17
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures. unit-ton. 4.25 Nom.
- grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto. ton. 38.00 - —

Fish scrap, menhaden, wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts. unit-ton. 3.00 & .50
- sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports. Dec. shipt. ton. 52.50 - —
- spot. ton. 52.50 - —

Flake, white, bbls., kgs. lb. .10½- —
Fleaseed, French, black, bgs. lb. .20 - .21
- Indian, blonde, bgs. lb. .09 - .10

Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, net ton. 32.60 - —
- washed gravel, 85-5, f.o.b. Ill.-Ky. mines. net ton. 22.00 -22.50
- No. 2, lump, 85.5 f.o.b. Ky. and Ill., mines. net ton. 22.00 -24.00
- imported, 85.5, duty paid, short ton. 25.00 Nom.

Formaldehyde, bbls., c.l., works, lb. .05¾- —
- l.c.l., works lb. .06¼- —
- dms., c.l., works lb. .05¼- —
- l.c.l., works lb. .05¾- —
- tanks, works lb. .04½- —

Fringetree bark, bls. lb. .12 - .14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines. ton. 10.00 - —
- import, bgs., c.l., ex dock. ton. 25.00 Nom.
- l.c.l., ex whse. ton. 32.00 Nom.

Furfural, refd., dms., c.l., works, lb. .15 - —
- l.c.l., works lb. .17½- .25
- tech., dms., contracts, 150,000 lbs. lb. .10 - —
- c.l., works lb. .12½- —
- l.c.l., works lb. .15 - .20
- tanks, works lb. .09 - —

Fusel oil, refd., dms., incl., dlvd., lb. .16 - .17½
Fustic extract, cryst., bbls. lb. .24 - .28
- liquid, bbls. lb. .10½- .14
- solid, dms. lb. .19 - .21

G

G salt, bbls. lb. .45 - —
Galangal root, bls. lb. .11 - .12
Gambier, common, cases. lb. .07 Nom.
- plantation, cases. lb. .10 Nom.
- Cubes, Singapore, cases. lb. .10 Nom.
- extract, bbls. lb. .09 - .12

Gasoline, at refinery:—
- Bayonne, US motor, below 65 octane, tanks. gal. .06½- .0780
- 65 octane and above, tanks, gal. .06¾- .0735
- California, 54-58, tanks. gal. .06½- .08
- Gulf Coast, U.S. Motor, bulk, gal. .05¾- —
- 60-62, 390 e.p., bulk, export, gal. .05½- —
- 70-72, 400 e.p., bulk, export, gal. .06½- —
- 64-66, 375 e.p., bulk, export, gal. .06 - —
- Louisiana-Arkansas, US motor, 62 octane, tanks. gal. .04 - .04¼
- 63-66 octane, tanks. gal. .04¼- .04½
- 67-69 octane, tanks. gal. .04½- .04¾
- 70-72 octane, tanks. gal. .04¾- .05¼
- Oklahoma-Texas, US motor, 62 octane and below, tanks, gal .04 - .04¾
- third grade, tanks. gal. .04 - .04¾
- 63-66 octane, tanks. gal. .04¾- .05
- 67-69 octane, tanks. gal. .04¾- .05½
- 70-72 octane, tanks. gal. .05 - .05½
- U. S. motor, 18-lb. v-p., tanks. gal. .05¼- .05¼
- 22-lb. v.p., tanks. gal. .04¾- —
- 26-70 lb. v.p., tanks. gal. .04 - .04¼
- below 60 octane, tanks. gal. .05 - —
- 65 octane, tanks. gal. .07 - —
- 52-54 450 e.p., naphtha, tanks. gal. .05½- —
- natural, 12-lb. v.p., tanks, gal. .06 - .06¼
- 14-lb. v.p., tanks. gal. .05¾- —

Gelatin silver, cs. lb. .42 - .43
Gelsemium root, bls. lb. .14 - .15
Gentian root, bls. lb. .14 - .15
- grd., bbls., bxs. lb. .16 - .17
- powd., bbls., bxs. lb. .17 - .18

Geraniol, cns., dms. lb. .60 - 3.00
Geranyl acetate, bots., dms. lb. 1.20 - 2.50
Ginger root, African, bgs. lb. .09 - .09½
- Cochin, leman, bgs. lb. .09½ Nom
- Jamaica, bold, bgs. lb. .11 - .11½
- grinding, bright, bgs. lb. .09½- .09¾
- medium, bgs. lb. .08 - .08¼
- Japanese, bgs. lb. .07½- .08

Ginseng root, wild, Southern, cs., lb. 12.00 -13.00
Glauber's salt, anhyd. (see Soda Sulphate).
- cryst., dom., bgs., bbls., c.l., works. 100 lbs. .95 - 1.18
- 5 tons or over, works. 100 lbs. 1.05 - 1.25
- less than 5 tons, works. 100 lbs. 1.15 - 1.35
- import, bgs. 100 lbs. No prices

Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd. lb. .13½- —
- l.c.l., dlvd. lb. .14 - —
- 36/58, bgs., c.l., dlvd. lb. .13 - —
- l.c.l., dlvd. lb. .13½- —
- 58/82, bgs., c.l., dlvd. lb. .14½- —
- l.c.l., dlvd. lb. .15 - —
- 82/108, bgs., c.l., dlvd. lb. .15 - —
- l.c.l., dlvd. lb. .15½- —

hide, calcimine type, 58 millipose 135 jelly grams, bgs., c.l., dlvd., East, Middlewest. lb. .15 - —
- l.c.l., same basis. lb. .15½- —
- Glue, hide, 60/164, bgs., c.l., same basis. lb. .16½- —
- l.c.l., same basis. lb. .17 - —
- 67/122, bgs., c.l., same basis, lb. .17½- —
- l.c.l., same basis. lb. .18 - —
- 75/222, bgs., c.l., same basis, lb. .18½- —
- l.c.l., same basis. lb. .19½- —
- 88/251, bgs., c.l., same basis, lb. .19½- —
- l.c.l., same basis. lb. .20½- —
- 92/283, bgs., c.l., same basis, lb. .20½- —
- l.c.l., same basis. lb. .21½- —
- 102/315, bgs., c.l., same basis, lb. .21 - —
- l.c.l., same basis. lb. .22 - —
- 113/347, bgs., c.l., same basis, lb. .22 - —
- l.c.l., same basis. lb. .23 - —
- 125/379, bgs., c.l., same basis, lb. .23 - —
- l.c.l., same basis. lb. .24 - —

Glue prices for barrel packing, ¼c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.

Glycerin, C.P., cns., l.c.l. lb. .14½- .15
- dms., c.l., dlvd. lb. .12¾- —
- l.c.l dlvd. lb. .13 - —
- tanks, dlvd. lb. .12¾- —
- dynamite, dms. Nominal.
- high gravity, dms., c.l., dlvd. lb. .12 - —
- l.c.l., dlvd. lb. .12¼- —
- tanks, dlvd. lb. .11¾- —
- saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd. lb. .13 Nom.
- l.c.l., same basis. .14 Nom.
- tanks .12 Nom.
- for refiners, dms., returnable, tanks, dlvd. lb. .08¾- .09
- soapIye, basis 80%, dms., tanks, returnable, dlvd. lb. .07¾- .08¼

Glycine, medicinal, bbls., tins. lb. 1.70 - 2.00
Glycol boriborate, dms. lb. .22 - —
- Phthalate, dms. lb. .38 - —
- Stearate, dms. lb. .26 - —

Gold, U.S. purchase price. oz. 35.00 - —
Chloride, acid brown, bots. oz. 20.75 -21.00
- yellow, bots. oz. 18.75 -19.00

Gold-soda chloride, photo., bots., oz. 13.00 - —
- USP IX. bots. oz. 14.50 -14.75

Gold of pleasure seed, bgs. lb. .12 - .12½
Goldenseal, root, bls. lb. 3.60 - 3.65
- powd., bxs. lb. 3.90 - 3.95

Grains of paradise, bgs. lb. .70 - .75
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphitic carbon, bgs., c.l., works. lb. .06 - —
- bbls., c.l., works. lb. .06¼- —
- l.c.l., works. lb. .06½- —
- amorph., powd., 90%, 325 mesh, 65% graphitic carbon, bgs., c.l. works. lb. .02½- —
- 65% graphitic, carbon, bbls., c.l., works. lb. .03¾- —
- l.c.l., works. lb. .03¼- —
- 80% graphitic, carbon, bgs., c.l., works. lb. .03½- —
- bbls., c.l., works. lb. .06¾- —
- l.c.l., works. lb. .04½- —

Grease, house, loose. lb. .05 - .05¼
- White lb. .05¾- .05¾
- Yellow lb. .05 - .05¼
- Wool (see Adeps lanae and Degras).

Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .21 - —
- 6-10%, bbls., same basis. lb. .22 - —
- 11-15%, bbls., same basis. lb. .23 - —
- 16-20%, bbls., same basis. lb. .23½- —
- 21-25%, bbls., same basis. lb. .24 - —
- 26-30%, bbls., same basis. lb. .24½- —
- 31-35%, bbls., same basis. lb. .25½- —
- 36-40%, bbls., same basis. lb. .27 - —
- 41-45%, bbls., same basis. lb. .28½- —
- 46-50%, bbls., same basis. lb. .30 - —

Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Reduced, C.P., color content up to 5%, same basis. lb. .06 - —
- 9-10%, bbls., same basis. lb. .06¾- —
- 11-13%, bbls., same basis. lb. .07¼- —
- 14-16%, bbls., same basis. lb. .07¾- —
- 17-19%, bbls., same basis. lb. .07¾- —
- 20-21%, bbls., same basis. lb. .08 - —
- 22-23%, bbls., same basis. lb. .08¼- —
- 24-25%, bbls., same basis. lb. .08½- —
- 26-27%, bbls., same basis. lb. .08¾- —
- 28-29%, bbls., same basis. lb. .09¼- —
- 30-31%, bbls., same basis. lb. .10 - —
- 32-33%, bbls., same basis. lb. .11¼- —
- 34-35%, bbls., same basis. lb. .12¼- —
- 36-40%, bbls., same basis. lb. .14¼- —
- 41-45%, bbls., same basis. lb. .16¼- —
- 46-50%, bbls., same basis. lb. .16¾- —
- 51-55%, bbls., same basis. lb. .17¼- —
- 56-60%, bbls., same basis. lb. .17¾- —
- 61-65%, bbls., same basis. lb. .18¼- —
- 66-70%, bbls., same basis. lb. .19¼- —
- 71-75%, bbls., same basis. lb. .20½- —

Oxide, dom., pure, bbls. lb. .25 - —
- ceramic, light shades, bbls., c.l., works. lb. .25 - —
- l.c.l., works. lb. .30 - —
- standard grade, bbls., works. lb. .21 - .22

Tetrahydroxide, bbls. lb. .88 - —
Paris (see P).
Tungstated, brilliant, kgs. lb. 3.50 - —
- emerald, kgs. lb. 2.35 - —

Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls. lb. .09 - .10
Guaiac resin, cs. lb. .80 - .85
- strained, cs. lb. .80 - .85
- Wood, bls. lb. .04 - .06

Guaiacol, liq., djns. lb. 1.65 - 1.91
Carbonate, fib., dms., 25 lbs. lb. 2.40 - 2.74
Guarana, powd., cs. lb. 1.10 - 1.13
Gum, aloe (see A).
- Ammoniac, tears, cs. lb. 1.00 - 1.05
- Arabic, amber, sorts, cleaned, bgs. lb. .17½- .18
- white, sorts, 1, bgs. lb. .35 Nom.
- 2, bgs. lb. .34 Nom.
- powd., bbls. lb. .20½- .21

Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs. lb. 1.40 - 1.60
- Sumatra, cs. lb. .25 - .30

Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots. lb. .34 - .35
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran. lb. .49½- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
- Gum, Congo, cloudy, white, bgs., c.s., same basis. lb. .29½- —
- 8, selected pale straw bold, bgs., c.l., same basis. lb. .24½- —
- 4, pale bold straw, bgs., c.l., same basis. lb. .24 - —
- 5, pale, straw bold, bgs., c.l., same basis. lb. .24 - —
- 6, pale amber bold, bgs., c.l., same basis. lb. .21½- —
- 7, pale, straw, bold, bgs., c.l., same basis. lb. .17 - —
- 8, light amber bold, bgs., c.l., same basis. lb. .17 - —
- 9, medium light amber, bold, bgs., c.l., same basis. lb. .13¾- —
- 10, rescraped hard amber bold, bgs., c.l., same basis, lb. .13¾- —
- 11, hard dark amber bold, bgs., c.l., same basis. lb. .11¾- —
- 12, selected bold sorts, bgs., c.l., same basis. lb. .10¾- —
- 13, dark sorts bold, bgs., c.l., same basis. lb. .08¼- —
- 14, selected, fully scraped, ivory, bgs., c.l., same basis. lb. .23¾- —
- 15, ordinary ivory sorts, bgs., c.l., same basis. lb. .10¾- —
- 16, inferior ivory sorts, bgs., c.l., same basis. lb. .09½- —
- 17, pale, fingers, bgs., c.l., same basis. lb. .17¾- —
- 18, pale straw nubs, bgs., c.l., same basis. lb. .17½- —
- 19, pale straw nubs, bgs., c.l., same basis. lb. .16¾- —
- 20, hard dark amber nubs, bgs., c.l., same basis. lb. .11¾- —
- 21, ordinary selected nubs, c.l., same basis. lb. .10¾- —
- 22, small mixed nubs, bgs., c.l., same basis. lb. .09¾- —
- 23, dark mixed nubs, bgs., c.l., same basis. lb. .10½- —
- 24, No. 1, ivory nubs, bgs., c.l., same basis. lb. .17¾- —
- 25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .09¼- —
- 26, pale, bold chips, bgs., c.l., same basis. lb. .10 - —
- 27, pale small nubs, bgs., c.l., same basis. lb. .09½- —
- 28, pale dust, bgs., c.l., same basis. lb. .06¾- —
- Batu, bold, scraped, bgs., c.l., same basis. lb. .08¾- —
- unscraped, bgs., c.l., same basis. lb. .06¾- —
- chips, bgs., c.l., same basis. lb. .07 - —
- dust, bgs., c.l., same basis. lb. .06¾- —
- nubs and chips, bgs., c.l., same basis. lb. .07 - —
- black, bold, scraped, bgs., c.l., same basis. lb. .11 - —
- unscraped, bgs., c.l., same basis. lb. .07¾- —
- nubs and chips, bgs., c.l., same basis. lb. .07¾- —
- Hiroe, Macassar, pale, bold, bgs., c.l., same basis. lb. .15¼- —
- chips, bgs., c.l., same basis. lb. .08¼- —
- dust., bgs., c.l., same basis. lb. .06¾- —
- nubs, bgs., c.l., same basis. lb. .13¾- —
- Singapore, Rasak, bold, bgs., c.l., same basis. lb. .17½- —
- chips, bgs., c.l., same basis, lb. .08¾- —
- dust, bgs., c.l., same basis. lb. .06¾- —
- nubs, bgs., c.l., same basis. lb. .13½- —
- Manila, Boeas, amber and dark, bskts., c.l., same basis. lb. .14¼- —
- light, bskts., c.l., same basis. lb. .16¾- —
- Loba A, bskts., c.l., same basis. lb. .14¾- —
- B, bskts., c.l., same basis. lb. .14¼- —
- C, bskts., c.l., same basis, lb. .14½- —
- CNE, bskts., c.l., same basis. lb. .11¾- —
- D, bskts., c.l., same basis, lb. .13 - —
- DK, bskts., c.l., same basis, lb. .11½- —
- DK, dust, bskts, c.l., same basis. lb. .08½- —
- Sambas and white split chips, bskts., c.l., same basis. lb. .17¼- —
- Singapore, dust., bskts., c.l. same basis. lb. .03½- —
- spirit-soluble, CBB, bskts., basis. lb. .12¾- —
- DBB, bskts., c.l., same basis. lb. .12½- —
- MA, bskts., c.l., same basis, lb. .11 - —
- MB, bskts., c.l., same basis, lb. .10½- —
- WS, bskts., c.l., same basis, lb. .12½- —
- Philippine, Manila, amber sorts, bskts., c.l., same basis. lb. .10 - —
- chips, pale, bskts., c.l., same basis. lb. .12 - —
- Philippine, Manila, pale, small, bskts., c.l., same basis. lb. .10½- —
- extra pale sorts, bskts., c.l., same basis. lb. .12¼- —
- nubs, bskts., c.l., same basis. lb. .14 - —
- pale, scraped, bskts., c.l., same basis. lb. .14½- —
- seeds and dust, bskts., c.l., same basis. lb. .09¼- —
- Pontianak, bold, genuine, bgs., same basis. lb. .18½- —
- mixed, bgs., c.l., same basis, lb. .16½- —
- split, bgs., c.l., same basis, lb. .16¼- —
- chips, bgs., c.l., same basis, lb. .10½- —
- nubs, bgs., c.l., same basis, lb. .13½- —
- Dammar, Batavia, A, cs., c.l., same basis as copal. lb. .22¾- —
- A/D, cs., c.l., same basis. lb. .14½- —
- A/E, cs., c.l., same basis. lb. .13¾- —
- B, cs., c.l., same basis. lb. .21¼- —
- C, cs., c.l., same basis. lb. .15½- —
- D, cs., c.l., same basis. lb. .13¾- —
- dust, cs., c.l., same basis. lb. .08 - —
- E, cs., c.l., same basis. lb. .10½- —
- F, cs., c.l., same basis. lb. .09¾- —
- Singapore 1, cs., c.l., same basis. lb. .18¾- —
- 2, cs., c.l., same basis. lb. .14¾- —
- 3 cs., c.l., same basis. lb. .09¾- —
- chips, cs., c.l., same basis. lb. .12½- —
- dust., cs., c.l., same basis, lb. .08½- —
- seeds, cs., c.l., same basis, lb. .10½- —
- Elemi, cns., c.l., same basis as copal. lb. .12¾- —

Gum, Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs., lb. .06¼- .06¾
less than 10,000 lbs., same basis..lb. .06½- .07
Western N. Y., and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l., lb. .06¾- .07
l.c.l., same basis.....lb. .07 - .07½
dlvd., elsewhere, 75,000 lbs., contrs., or straight, c.l..lb. .07 - .07½
l.c.l., same basis.....lb. .07¼- .07¾
Euphorbium, cs. .....lb. .50 - .55
Galbanum, cs.....lb. 1.50 - 1.60
Gamboge, pipe, cs.....lb. .70 - .75
powd., bbls.....lb. .75 - .80
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms.....lb. .14 - .38
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .12½- —
pale, XXX, cs., same basis.lb. .61 - —
1, cs., c.l., same basis...lb. .41 - —
2, cs., c.l., same basis...lb. .24 - —
3, cs., c.l., same basis...lb. .17¾- —
Kino, tins.....lb. 4.00 - 4.50
Locust bean, powd., bbls....lb. Nominal
Mastic, cs., c.l., same basis as copal..lb. .85 - .90
Myrrh, USP, cs.....lb. .60 - .65
Olibanum, siftings, cs.....lb. .08 - .12
Tears, cs.....lb. .15 - .25
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .37 Nom.
Scammony, cs. .....lb. 1.10 - 1.15
Talha, bgs.....lb. .14 Nom.
Thus, bbls.....280 lbs.15.00 -15.25
Tragacanth, Aleppo, 1 cs....lb. 2.50 Nom.
2, cs.....lb. 2.40 Nom.
3, cs.....lb. 2.25 Nom.
Sake, bgs.....lb. No prices
Yacca, bgs.....lb. .06½- .04
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.ton.22.45 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.45 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.14.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
stucco, paper bags, c.l., f.o.b. Acme, Tex.: Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.00 - —
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.28.00 Nom.

H

Hawthorn berries, bgs.....lb. .35 - .37
Heliotropin, cryst., cns.....lb. 3.00 - 3.20
Hellebore root, white, powd., bbls. lb. .11 - .12
Helonias root, bls.....lb. .55 - .60
Hematine crystals, bbls.....lb. .18 - .28
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03¾- —
tanks, works.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .06½- .07½
Henbane, leaves, bls.....lb. .65 Nom.
Henna leaves, bls.....lb. .18 - .20
powd., bbls., bxs.....lb. .20 - .22
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
Normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .38 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .38 - —
fib., ctns., same basis....lb. .40 - —
Homatropine hydrobromide, bots., 25 ozs.....oz.15.00 Nom.
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.00 - 3.15
Hops, N. F., bls.....lb. .23 - .24
Horehound, bls.....lb. .12 - .13
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs..oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.00 - —
cns., 16 oz. .....oz.18.75 - —
Hydrastinine, 15 gr., bots..bot. 3.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. R..lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.26.00 -26.25
Hydrochloride, 5 gr., bots..bot. .75 - —
Hyoscyamine, 5 gr., bots....bot. .60 - —
Hydrobromide, 5 gr., bots..bot. .60 - —
Sulphate, 5 gr., bots.....bot. .60 - —
Hypernic, ext, liquid, 61°, bbls., lb. .14 - —

I

Iceland moss, bls.....lb. .18 - .20
Ichthyol, bots.....lb. 4.00 Nom.
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.82.00 -84.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.80 - —
kgs., 150 lbs., less 5%.....lb. 1.21 - —
resubl., bots., 5 lbs.....lb. 2.10 - —
jars, 50 lbs.....lb. 2.00 - —
tincture, USP, bbls, 47 gals..gal. 2.00 - —
cbys., 5 gals.....gal. 2.05 - 2.10
mild, bbls., 47 gals.....gal. 1.25 - —
cbys., 5 gals.....gal. 1.30 - 1.35
Iodoform, dms., 100 lbs.....lb. 4.10 - —
jars, 5 gals.....lb. 4.20 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.15 - 1.20
powd., bxs.....lb. 1.25 - 1.30
Irish moss, ordinary, bls.....lb. .16 - .17
powd., 80-90 mesh, bbls..lb. .30 - .32
prime, bleached, bls.....lb. .28 - .30
Iron acetate, N. F., IV, 100-lb. cbys..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd.....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equald..lb. .07½- .08
liquor, cbys., works, frt. alld. or equald..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
USP solut., cbys., works, frt. alld. or equald..lb. .06½- .07
djns. .....lb. .07½- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 3.15 - —
smaller lots.....lb. 3.25 - —
cns., 25 lbs.....lb. 3.37 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 3.18 - 3.32
syrup, djns.....lb. .39 - —
bots. .....lb. .53 - —
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, 200-lb., bbls.....lb. .35 - —
25-lb. bxs.....lb. .40 - —
100-lb. kgs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, USP, cryst., 275-lb. bbls..lb. .04¼- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .35 - .38
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .35 - .38
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Isobutylacetate, 55 gal., dms., works..lb. .069 - —
tanks, works.....lb. .059 - —
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .105 - —
W. of Rockies, frt. alld..lb. .109 - —
55 gals., c.l., E. of Rockies, frt. alld..lb. .07 - —
W. of Rockies, frt. alld, lb. .074 - —
55 gals., l.c.l., E. of Rockies, frt. alld..lb. .075 - —
W. of Rockies, frt. alld, lb. .079 - —
tanks, E. of Rockies, frt. alld..lb. .06 - —
W. of Rockies, frt. alld..lb. .064 - —
Alcohol (see Alcohol).
Ether, dms., 5 gal., frt. alld., gal. .55 - —
55 gal., c.l., E. of Miss., frt. alld.gal. .35 - —
55 gal., c.l., W. of Miss., frt. alld..gal. .39 - —
l.c.l., E. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .25 - —
W. of Miss., frt. alld., gal. .29 - —

J

Jaborandi leaves, bls.....lb. .11 - .12
Jalap root, NF, bls.....lb. .24 - .26
powd., bbls., bxs.....lb. .28 - .30
resin., lump, cns.....lb. 3.70 - —
powd., bxs.....lb. 3.70 - —
Juniper berries, bgs.....lb. .09 - .09½

K

Kamala, tins.....lb. .42 - .43
Kaolin (see China clay).
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .0520- —
Gulf ports, p.w., bulk....gal. .03⅝- .03⅝
w.w., bulk..gal. .03⅜- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04 - .04⅜
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03⅜- .04¼
42-44 w.w., tanks.....gal. .04 - .04⅝
Pennsylvania, 45 w.w., tanks, gal. .04⅝- .04⅞
46 w.w., tanks.....gal. .04⅝- .05
47 w.w., tanks.....gal. .04⅞- .05⅛
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08¼- —
Chicago .....gal. .10 - —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½- —
Louisville .....gal. .10 - —
Minneapolis .....gal. .104 - —
New Orleans.....gal. .11 - —
New York.....gal. .09 - —
San Francisco.....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No Prices
Kola nuts, bgs.....lb. .12 - .13

L

Lady slipper root, bls.....lb. .36 - .37
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 7.00 - 7.25
Middlewestern, trcs....100 lbs. 7.10 - 7.20
Neutral, trcs.....100 lbs. 7.75 - 8.00
Western, choice, trcs...100 lbs. 7.15 - 7.25
Compound, trcs.....100 lbs. 9.25 - 9.50
Larkspur seed, bgs.....lb. .85 - 1.25
Laurel berries, bls.....lb. .25 - .26
Leaves, Greek, bls.....lb. .05½- .06
Lavender flowers, ordinary, bls.lb. .45 - .50
medium, bls.....lb. .55 - .60
select, bls.....lb. .65 - .70
Lead acetate, white, broken, bbls..lb. .11 - —
cryst., bbls.....lb. .11 - —
gran., bbls.....lb. .11¾- —
powd., bbls.....lb. .11¾- —
Arsenate, bgs., c.l., dealers..lb. .10 - .11
l.c.l., bgs., dealers.....lb. .10½- .11¼
Lead arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups.
Blue, basic sulphate, bbls., c.l., dlvd. E...lb. .06¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¼- —
l.c.l., dlvd., E.....lb. .06½- —
l.c.l., dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib., dms., 25 lbs.....lb. .40 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.66 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls. .....lb. .11 - .14
Oleate, bbls. .....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash...lb. .0835- —
other points .....lb. .0810- —
Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash...lb. .08½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
other points.....lb. .08½- —
smaller lots, dlvd., Ala., etc..lb. .09¼- —
other points.....lb. .08½- —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc., lb. .0860- —
other points.....lb. .0835- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
smaller lots, dlvd., Ala., etc..lb. .09¼- —
other points.....lb. .08¾- —
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc..lb. .0885- —
other points.....lb. .0860- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09¼- —
other points.....lb. .09 - —
in oil, 95% min., 100-lb. kgs., lb. 12¼- —
Resinate, fused 15%, bbls....lb. .09½- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .16¼- —
Stearate, bbls.....lb. .26 - —
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l. (20 tons), works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy., E. frt. alld..lb. .10¼- —
Pac. Cst., ex whse....lb. .10¼- —
smaller lots, E. frt. alld. lb. .10½- —
Pac. Cst., ex whse....lb. .10½- —
Lead, white, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¼- —
other points.....lb. .07 - —
l.c.l., dlvd., Ariz., etc..lb. .07½- —
other points.....lb. .07¼- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½- —
other points.....lb. .06¼- —
l.c.l., dlvd., Ariz., etc. lb. .06¾- —
other points.....lb. .06¼- —
in oil, 100-lb. kgs., consumers. lb. .12¾- —
dealers .....lb. .10¾- —
painters .....lb. .11¾- —
Consumers' price and painters' price are ½c. lower on orders of 500 lbs. or more.
Lecithin, 100%, cns., f.o.b., N. Y. or Chi..lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dms., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½

Lecithin, grade 4, dms., c.l., same basis..lb. .40 - —
l.c.l., same basis.....lb. .42½- .60
Lecithin prices quoted above are for goods packed in 25, 50 or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.
Lemon peel, bls.....lb. .13 - .15
Licorice extract, mass., cs.....lb. .18 - .19
powd., bbls.....lb. .24 - .25
root, cuttings, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .11 - .12
select, bndls., cs.....lb. .20 - .25
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio.....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bags, f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.00 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bags, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 8.50 - —
Marblehead, Ohio....ton.11.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium).
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumers. gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd. gal. .11½- —
30-50 dms.....gal. .14 - .18
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., wks., except Cal..gal. .12 - —
Zone 5, tanks, dealers, dlvd., gal. .10½- —
dms. .....gal. .12 - —
Zone 6, tanks, dealers....gal. .08½- —
30-50 dms.....gal. .11 - .15

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3, Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penn. eaostern tier, and W. Va. western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N.Y. east or Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.....lb. 2.10 - 3.30
Linalyl acetate, cns.....lb. 2.50 - 2.75
Linden flowers, with leaves, bls.lb. .32 - .35
without leaves, bls.....lb. .30 - .35
Linseed cake, bags, export...ton.30.00 -31.00
Meal, 34%, bags.....ton.34.50 - —
Litharge, com'l, powd., bbls., 20-tons dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0735- —
dlvd., other points....lb. .0710- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .07½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08 - —
Colo., Mont., N. Mex., Wyo..lb. .07½- —
other points.....lb. .07¼- —
smaller lots, dlvd., Ala., etc. lb. .08 - —
Ariz., etc.....lb. .08½- —
Colo., etc.....lb. .08¼- —
other points.....lb. .07¾- —

Lithium—Oil, Castor

Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Lithopone, dom., high-strength, bgs., c.l. (20 tons)..lb. .05¼- —
smaller lots.....lb. .05½- —
bbls., c.l. (20 tons).....lb. .05½- —
smaller lots.....lb. .05¾- —
ordinary, bgs., c.l. (20 tons) lb. .03¾- —
smaller lots.....lb. .04 - —
bbls., c.l. (20 tons).....lb. .04 - —
smaller lots.....lb. .04¼- —
titanated, bgs., c.l. (20 tons) lb. .05¼- —
smaller lots.....lb. .05½- —
bbls., c.l. (20 tons).....lb. .05½- —
smaller lots.....lb. .05¾- —

Lithopone in car lots is delivered East or the Pacific Coast and in less than car-lot quantities delivered East or ex warehouse Pacific Coast.

Liverwort leaves, bls.....lb. .40 - .45
Lobelia, herb, bls.....lb. .12 - .13
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls..lb. .18 - .22
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs.....lb. .15 - .19
Lovage root, dom., bls.....lb. .55 - .56
import, bls.....lb. .45 - .60
Lupulin, N. E., tins.....lb. 1.65 - 1.70
Lycopodium, cs.....lb. 3.50 - 3.75

M

Mace, Banda, cs.....lb. .58 - .60
Batavia, cs.....lb. .32 - .34
Siauw, cs.....lb. .48 - .49
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia, arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¾- —
l.c.l. .....lb. .07 - —
1, bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
USP, zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del. and Md. C.l., shipments, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b., Plymouth Meeting House. Zone 2, balance of U. S.; prices f.o.b., Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.

Chloride, anhy., dom., bbls., dlvd..lb. .13 - —
flake, dom., bbls., wks., c.l., ton.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hypophosphite, cns 100 lbs. lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .11 - .11½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton.....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.62.00 -66.00
Import, bgs., duty paid...ton.70.00 -75.00
dead-bprned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots...lb. .58 - —
100-lb. lots.....lb. .55 - —
cns. .....lb. .75 - .80
Malva flowers, black, bls.....lb. .45 - .50
blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .19 - .20
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .11 - .12
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .08½ Nom.
Dioxide, African, battery, 84-87%, bgs., 28-40 tons, works, ton.64.50 - —
5-15 tons, works.....ton.67.50 - —
½-4 tons, works....ton.72.50 - —
300-600 lbs., works.ton.92.50 - —
Caucasian, 85-90%, bbls., c.l., works..ton.61.50 - —
l.c.l., 5 tons, works...ton.64.50 - —
smaller lots, works...ton.69.50 - —
burlap bgs., c.l., works.ton.59.25 - —
l.c.l., 5 tons, works...ton.62.25 - —
smaller lots, works.ton.67.25 - —
paper bgs., c.l., works.ton.57.50 - —
l.c.l., 5 tons, works...ton.60.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.80 - —
smaller lots.....lb. 3.00 - —
cns., 25 lbs.....lb. 3.12 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.55 - —
jars, 25 lbs.....lb. 5.70 - —
Linoleate, liquid, 4%, dms....lb. .18 - .19½
solid, precip., 8.2%, bbls...lb. .19 - —
Ore, Cuban, 51-52%, basis Atl. ports..unit-ton. .50 - —
Resinate, fused, 3½%, bbls..lb. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., ton lots, works..lb. .08 - .08½
single dms., works.....lb. .08¼- .08¾
fertilizer, 65%, $MnSO_4$, bgs., c.l., dlvd., South..ton.48.75 - —
l.c.l., bgs.....ton.60.00 -70.00
Mangrove bark, bgs., shipt...ton.35.00 - —
Manna flake, large cs.....lb. .58 - .60
small, cs.....lb. .40 - .42
Mannitol, com'l grade, 99% pure, ton lots, works..lb. .42 - —
250 lbs., bbls., works.....lb. .50 - —
reagent grade, 25-lb. tins, 100-lb. lots, works..lb. .95 - —
50-lb. lots, works.....lb. 1.00 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bls.....lb. .32 - .34
Tunisan, bls.....lb. .30 Nom.
Chilean, bls.....lb. .22 - .23
Matico leaves, bls.....lb. .30 - .32
Menthol, USP, natural, cs.....lb. 3.35 - 3.45
synthetic, tech., cs.....lb. 2.50 - —
USP, cs.....lb. 3.25 - —
liquid, dms., 50 lbs.....lb. 1.50 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. 1.24 - —
25 lbs.....lb. 1.26 - —
50%, pails, 50 lbs.....lb. 1.79 - —
25 lbs.....lb. 1.81 - —
Mercury (see Quicksilver).
Ammoniated (see white precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 2.62 - 2.64
fib., dms., 100 lbs.....lb. 2.49 - —
jars, 25 lbs.....lb. 2.51 - —
Chloride (see Calomel).
Iodide, red, N.F., bots., 5 lbs., lb. 4.41 - 4.45
cns., 25 lbs.....lb. 4.30 - 4.35
fib., dms., 100 lbs.....lb. 4.30 - 4.35
yellow, bots., 5 lbs.....lb. 4.51 - 4.55
cns., 25 lbs.....lb. 4.40 - —
fib., dms., 100 lbs.....lb. 4.40 - —
Nitrate ointment (see Citrine ointment).
Oxide, red., N.F. (see Red precipitate).
tech. (see Red, mercury oxide).
yellow, dom., tech., bbls...lb. 2.26 - —
USP, fib., dms., 50 lbs. or more..lb. 2.78 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.72 - —
fib., dms., 25 lbs.....lb. 1.60 1.65
Mesityl oxide, cns., works.....lb. .20½- .22½
dms., c.l., dlvd.....lb. .16 - —
l.c.l., dlvd.....lb. .16½- —
tanks, dlvd.....lb. .15 - —
Metal leaf, pkgs., of 20 books (500 leaves), aluminum, 5½x5½ in...pkg. 1.50 - 1.75
composition, 5¼x5¼ in..pkg. 1.70 - 1.80
gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
23K, 3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅞x5½ in.....pkg.22.50 -23.00
3⅞x5½ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroparatoluidin, bbls....lb. 1.30 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, denat., grade, tanks..gal. .40 - —
97%, tanks.....gal. .32 - —
93%, tanks.....gal. .31 - —
Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.
synth., pure, dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. allid...gal. .33 - —
2, frt. allid.....gal. .35½- —
3, frt. allid.....gal. .36½- —
4, frt. allid.....gal. .37 - —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10¼- —
W. of Miss. R.....lb. .11¼- —
l.c.l., dms., dlvd. E. of Miss R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd., E. of Miss. R. lb. .09½- —
W. of Miss. R.....lb. .10½- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd. E. of Miss. R. lb. .07½- —
W. of Miss. R.....lb. .08½- —
tanks, dlvd. E. of Miss. R. lb. .06 - —
W. of Miss. R.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. allid..lb. .29¼- —
Acetone, natural, dms., c.l..gal. .41 - —
l.c.l. .....gal. .44 - —
tanks .....gal. .35 - —

Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. allid., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl acetone, synthetic, dms., c.l., Zone 1, frt. allid. E. of Rockies—gal. .28 - —
2, frt. allid. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
4 .....gal. .44 - —
l.c.l., Zone 1, frt. allid. E. of Rockies..gal. .41 - —
2, frt. allid. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4 .....gal. .605 - —
tanks, Zone 1, frt. allid., E. of Rockies..gal. .315 - —
2, frt. allid. E. of Rockies, gal. .24 - —
3, Pacific Coast.....gal. .35 - —
4 .....gal. .355 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Methyl, alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.25
Benzoate, cns., 25 lbs.....lb. .70 - 1.00
Bromide, cyl.....lb. .65 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .33 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Methyl, cinnamate, bls.....lb. 1.75 - 2.00
Formate, dms.....lb. .39 - —
Lactate, dms., l.c.l., dlvd....lb. .30 - —
Iodide, bots.....lb. 3.68 - 3.82
Salicylate, dms.....lb. .35 - .37
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .38 - —
permanent, bbls.....lb. .80 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
Methyl cellulose, dms., 100 lbs. or more, frt. allid..lb. .70 - —
less than 100 lbs., works...lb. .75 - —
Methylcyclohexane, 98-100%, dms., works, frt. allid., E. of Rockies..lb. .25 - —
Methylcyclohexanol, 98 - 100%, dms., works, frt. allid., E. of Rockies..lb. .30 - —
Methylcyclohexanone, 98 - 100%, dms., works, frt. allid., E. of Rockies..lb. .58 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylethyl ketone, dms., c.l., frt. pd E. of Rocky Mts., lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .05½- —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .70 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphthyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp., bots.....lb. 3.10 - —
Methylpropyl ketone, dms., c.l..lb. .20½- —
l.c.l. .....lb. .21 - —
tanks .....lb. .19½- —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee...ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs. extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
refined, bgs. extra and returnable, c.l., works..ton.20.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs. extra and returnable, c.l., works..ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1 quality, bgs. extra and returnable, c.l., works...ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.45.00 - —
1,000 lbs., works....lb. .02½- —
500 lbs., works....lb. .03 - —
roofing, bgs. extra and returnable, c.l., works..ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs. extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. allid. E..lb. .04½- —
l.c.l., ex-Whse., or frt. allid. E..lb. .05 - —
paper, wall or coated, bgs., c.l., frt. allid. E..lb. .04⅝- —
l.c.l., ex-whse., or frt. allid. E..lb. .04⅞- —
rubber, bgs., c.l., frt. allid. E., lb. .04¼- —
l.c.l., ex-whse or frt. allid. E..lb. .04⅝- —

wet-ground mica prices are ½c. per pound higher west of Rockies.

Milk powder, skimmed, roller, bbls., c.l..lb. .07 - —
l.c.l. .....lb. .08 - —
spray, bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .08½- —
unskimmed, roller, bbls., c.l., lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l.....lb. .16 - —
l.c.l. .....lb. .17 - —
Millet seed, yellow, bgs.....lb. .03¾- .04¼
early fortune, bgs.....lb. .03 - .03½
hulled, bgs.....lb. .06¼- .06¾
Mineral spirits (see Petroleum thinner and V M & P naphtha).
Molasses, blackstrap, tanks, f.o.b., No. Atlantic ports..gal. .05½- .06
f.o.b. New Orleans.....gal. .04½- .05
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works.....lb. .53 - .55
tanks .....lb. .50 - —
Monobutylamine, dms., c.l., works, lb. .50 - —
l.c.l., works.....lb. .51 - .53
tanks, works.....lb. .48 - —
Monochlorobenzene, dms., l.c.l., lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks .....lb. .23 - —
Monoethylamine, basis 100% amine content, dms., l.c.l., works, lb. .65 - —
Monoethylanilin, dms.....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd.....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.00 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein leaves, cns.....lb. .12 - .14
flowers, cns.....lb. 1.55 - 1.60
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs.....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.65 - —
5 lbs. to 75 lbs.....lb. 3.80 - —
1 lb.....lb. 3.95 - —
ketone, cns., 100 lbs. or more, lb. 3.70 - —
5 lbs. to 75 lbs.....lb. 3.95 - —
1 lb.....lb. 4.10 - —
xylol, cns., 100 lbs. or more, lb. 1.05 - —
5 lbs. to 75 lbs.....lb. 1.15 - —
1 lb.....lb. 1.20 - —
Musk root, bls.....lb. .60 - .65
Mustard seed, California, brown, bgs..lb. .09 - .09½
Danish, yellow, bgs.....lb. .11½- .12
Dutch, yellow, bgs.....lb. .10¾- .11¼
English, yellow, bgs.....lb. No stocks.
Roumanian, yellow, bgs....lb. .11 - .11½
Myrabalans, J1, bgs., f.a.s...ton.39.00 - —
J2, bgs., f.a.s.....ton.31.00 - —
Extract, liquid, 25%, bbls.....lb. No prices
solid, 50%, bbls.....lb. No prices
powdered, 70%, bbls.....lb. .06 Nom.

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works, 100 lbs. 2.25 Nom.
bgs., bbls., l.c.l., works, 100 lbs. 2.50 Nom.
78 deg., bgs., c.l., works, 100 lbs. 2.50 Nom.
l.c.l., works .....100 lbs. 2.75 Nom.
Import, bgs., c.i.f.....100 lbs. 2.90 Nom.
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works .....lb. .06¾- —
50-lb. cs., same basis..lb. .07 - —
pkgs. (16 oz.), same basis, lb. .07½- —
(12 oz.) same basis..pkg. .06 - —
chipped, crushed, bbls., same basis..lb. .06 - —
rice, cryst., powd., bbls., same basis..lb. .06¾- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .36½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. allid..lb. .70 - —
10-lb., tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l. lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ⅛, and 40, sec. vis., bbls., works, lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls...lb. .26 - —
lacquer, 20-30 and 60-80 sec., vis., bbls., works....lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton.1.2158 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd.....unit-ton. 2.25 - —
f.o.b. Chemical, Ill., unit-ton. 2.25 - —
East Coast producing points..unit-ton. 2.90 - —
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.85 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nutgalls, Aleppo, bgs., cs.....lb. .29 - .30
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .24 - .25
110s, bgs., cs.....lb. .20½- .21
West Indian, bgs.....lb. .13¾- .14
Nux vomica, bls.....lb. .06½- .07
powd., bbls., bxs.....lb. .08 - .09

O

Oakbark extract, 25% tan., bbls., c.l., wks..lb. .03½- —
l.c.l., bbls., wks.....lb. .03¾- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octane, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3 .....gal. .17 - —
tanks, G.3.....gal. .10½- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.00 - 2.10
s.p.a., bots.....lb. 2.10 - 2.20
sweet, true, exp., cns.....lb. 1.00 - 1.25
Amber, crude, cns.....lb. .19 - .20
ref'd, cns.....lb. .50 - .51
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.50.00 -60.00
seed, bots.....lb.85.00 -90.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .73 - .78
Apricot, kernels, cns.....lb. .35 - .40
Babassu, tanks.....lb. .06¾- —
Bay, W. I., 50-55% phenols, cns—lb. 1.20 - 1.25
55-60% phenols, cns.....lb. 1.35 - 1.40
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 4.00 - 4.25
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birchtar, crude, dms.....lb. .25 - .26
rectified, cns.....lb. .75 - .80
Bois de rose, Brazil, cns....lb. 1.60 - 1.65
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .61 - .62
USP IX, cns.....lb. .71 - .72
Calamus, cns.....lb. 8.00 - 8.25
Camphor, sassafrassy, cns...lb. .35 Nom.
dms. .....lb. .32 Nom.
white, cns.....lb. .52 Nom.
dms. .....lb. .50 Nom.
Cananga, native, cns.....lb. 1.60 - 1.65
rectified, cns.....lb. 2.10 - 2.15
Capsicum (oleoresin) N. F. VI, cns..lb. 2.50 - 2.75
Caraway, USP, cns.....lb. 3.00 - 3.25
Cardamom, bots.....lb.15.00 -16.00
Cassia, USP, cns., dms.....lb. 1.20 - 1.25
Castor, blown, one-way dms., c.l..lb. .13¾ Nom.
l.c.l. .....lb. .14½- —
medicinal, bbls., c.l.....lb. .12¾ Nom.
l.c.l. .....lb. .13 - —
cns. (1-gal.), l.c.l.....lb. .16 - —

Oil, Castor—Oil, Sardine

Oil, castor, dms. (returnable), c.l. lb. .12 Nom.
l.c.l. lb. .12¾- —
(5-gal.), l.c.l. lb. .14 - —
tanks lb. .11½ Nom.
No. 3, bbls., c.l. lb. .11¾ Nom.
l.c.l. lb. .12¼- —
dms. (returnable), c.l. lb. .11½ Nom.
l.c.l. lb. .12¼- —
tanks lb. .11 Nom.
dehydrated, dms., c.l. lb. No prices.
l.c.l. lb. .16½- .18
tanks lb. No prices.
bodied, dms., l.c.l. lb. .08½- —
Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ⅝c. higher than N.Y.; l.c.l. prices ¾c. higher than N.Y.; one-way drums, ¼c. higher, all points.
sulphonated, 50% (43% fat), dms., c.l. lb. No prices
l.c.l. lb. No prices
75% (63% fat), dms., c.l. lb. No prices
80% (68% fat), dms., c.l. lb. No prices
l.c.l. lb. No prices
Cedarleaf, cs. lb. .95 - 1.00
dms. lb. .90 - .95
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms. lb. .20 - .21
Celery, bots. lb. 7.25 - 7.50
Chaulmoogra, USP, cns., 500 lbs. lb. 1.00 - —
25 lbs. lb. 1.25 - —
Chinawood, dms. lb. .25½- .27
tanks lb. .24½- .26
Cinnamon, Ceylon, bots. lb. 9.25 -25.00
Seychelle, bots. lb. 7.25 - 8.00
Citronella, Ceylon, cns. lb. .48 - .49
dms. lb. .46 - .47
Java, cns., dms. lb. .44 - .46
Clove, makers, USP, cns. lb. 1.50 - 1.60
dms. lb. 1.45 - 1.50
Coconut, Manila, crude, tanks, lb. .03¾- —
Pac. Cst. lb. .03¾- —
edible, 76°, tax incl., dms. (returnable), c.l. lb. .08¾- —
l.c.l. lb. .09¾- —
tanks lb. .07¾- —
Cod, Newfoundland, shipt., untanked gal. .72 Nom.
Norwegian, shipt., bbls. gal. .60 - .65
Codliver, med., USP, bbls. bbl. 32.00 -35.00
Coriander, bots. lb. 15.00 -16.00
Corn, crude, tanks, wks. lb. .05¾- .05¾
refd., bbls. lb. .08½- .08¾
Cottonseed, cooking, bbls. lb. .08¾- —
salad, bbls. lb. .09¾- —
import, Brazilian, semi-refd., bulk lb. .03½ Nom.
Creosote (see C).
Croton, N.F., cns. lb. 3.50 - 3.75
Cubeb, USP, cns. lb. 3.75 - 3.80
Crude (see Petroleum, crude).
Cumin, bots. lb. 7.50 - 8.00
Cypress, dom., bots. lb. 5.25 - 5.50
import, cns. lb. 12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk bbl. 1.75 - —
California, 24 plus, bulk bbl. 1.55 - —
Dill seed, bots. lb. 3.00 - 3.25
weed, bots. lb. 3.60 - 3.85
Dip (see L).
Erigeron, cns. lb. 2.25 - 2.30
Eucalyptus, cns. lb. .61 - .63
dms. lb. .59 - .61
Fennel, sweet, cns. lb. 3.00 - 3.25
Fuel, bunker, California, tidewater bbl. .90 - —
Gulf Coast bbl. .80 - .85
Louisiana, Arkansas, 10-14 bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday bbl. 1.15 - —
Tuesday bbl. 1.15 - —
Wednesday bbl. 1.15 - —
Thursday bbl. 1.15 - —
Friday bbl. 1.15 - —
Saturday bbl. 1.15 - —
North Texas, 18-20 bbl. .85 - .90
24-28, zero cold test bbl. 1.00 - 1.05
Oklahoma, 18-22 bbl. .90 - .95
24-28, zero cold test bbl. 1.00 - 1.05
24-28, 15 and above bbl. .90 - .95
Pennsylvania, 36-40 gal. .04 - .04½
Furnace, Bayonne, 1, bulk, refinery gal. .05½- —
2, bulk, same basis gal. .0460-.0470
4, bulk, same basis gal. .0445-.0455
Louisiana - Arkansas, 32 - 36, light straw gal. .03¼- .03¼
Oklahoma, 28-30 gal. .03 - —
32-36 gal. .03⅝- .03½
36-38 gal. .03⅝- .03⅝
38-40 zero, 60 e.p. gal. .03¾- .04
Fusel (see F).
Gas, Bayonne, bulk gal. .04 - —
Gulf Coast, bulk gal. .03½- —
North Texas, bulk gal. .02⅞- —
Oklahoma, bulk gal. .03½- —
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns., lb. 3.25 - 3.50
Bourbon, cns lb. 3.25 - 3.50
Turkish (see Palmarosa).
Grapefruit, cns. lb. 1.85 - 1.90
Grapeseed, dms. lb. .40 - .45
Ginger, dist., bots. lb. 5.00 - 5.50
Guaiac wood, concrete, bots. lb. 2.50 - 2.55
Haarlem, import, bots. gross 5.00 - 5.50
Hemlock, cns. lb. 1.00 - 1.25
Juniper berry, USP, cns. lb. 1.85 - 2.00
Wood, tech., cns. lb. .45 - —
Juniper tar, USP XI, 1,000 lbs., dms. lb. .53 - .58
cns. lb. .55 - .60
Lard, common, 1, bbls. lb. .09 - —
2, bbls. lb. .08¾- —
extra, bbls. lb. .09¾- —
1, bbls. lb. .09¼- —
Winter, strained, extra, bbls., lb. .09½- —
prime, burning, bbls. lb. .10 - —
prime, ined., bbls. lb. .09¾- —
Laurel, bots. lb. 4.50 Nom.
Lavandin, cns., 25 lbs. lb. 1.50 Nom
Lavender flower, French 50% ester, cns. lb. 5.25 - 5.30
38-42% ester, cns. lb. 4.00 - 4.05
35-38% ester, cns. lb. 2.75 - 2.80
30-32% ester, cns. lb. 2.25 - 2.30
garden, cns. lb. .42 - .45
spike, Spanish, tech, cns. lb. 1.05 Nom.
dms. lb. .95 Nom.
Lemon, Calif., cns. lb. 3.00 - —
Messina, coppers, cns. lb. 3.20 - 4.00
Terpeneless, Type 1 lb. 10.75 -14.50
Type 2 lb. 8.50 -14.50
Lemongrass, native, cns., dms., lb. .85 - .90
Lime, dist., West Indian, cns. lb. 4.25 - 4.50
expressed, cns. lb. 7.25 - 7.50
Terpeneless, Type 1 lb. 42.00 -46.50
Type 2 lb. 60.00 -78.00
Linaloe wood, cns. lb. 1.50 - 1.60
Linseed, raw, bbls., c.l. lb. .1010- .1030
l.c.l., 10 to 69 lb. .1030- .1050
5 to 9 lb. .1070- —
less than 5 lb. .1090- —
tanks lb. .0950- .0970
Boiled linseed oil prices are .004 cents higher than raw.
Lovage, bots. lb. 41.25 -.60.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—California, green, 70, 80, 100, vis., dms. gal. .29 - —
140 vis., dms. gal. .25 - —
Oil, lubricating, green, pale, 750, 900 vis., dms. gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms. gal. .24 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks gal. .26 - —
15-25 pour, tanks gal. .23 - —
150-160 D, color, 4½, 0-10 pour, tanks gal. .27 - —
15-25 pour, tanks gal. .26 - —
150-160 E, color 5½, 15-25 pour, tanks gal. .26 - —
190-200 D, color 4¼, 15-25 pour, tanks gal. .26 - —
neutrals, 0-10 pour, 150 vis., 3 colors, tanks gal. .13 - —
180 vis., 3 color, tanks, gal. .14½- —
4 color, tanks gal. .14 - —
200 vis., 3 color, tanks, gal. .15½- —
4 color, tanks gal. .15 - —
250 vis., 3 color, tanks, gal. .16 - —
4 color, tanks gal. .15½- —
280 vis., 3 color, tanks, gal. .17 - —
4 color, tanks gal. .16½- —
15-25 pour prices are ¼c. per gallon higher than zero to 10° pour.
Penn., bright, 600, 10-15 pour, tanks gal. .32 - —
25 pour, tanks gal. .30 - —
cylinder, 600 fire, tanks, gal. .16 - —
600 flash, tanks gal. .21 - —
650 flash, tanks gal. .23 - —
635 fire, tanks gal. .19 - —
650 fire, tanks gal. .20 - —
Warren, h, amber, tanks, gal. .23 - —
Penna, Warren, E, neutral, 150 vis., 3 color, tanks gal. .25 - .29
180 vis., 3 color, tanks gal. .28 - .31
200 vis., 2 color, tanks gal. .29 - .35
spot, Penna., bright, bbls., c.l., f.a.s. gal. .28 - —
unfiltered, 600 s. r. bbls., f.a.s. gal. .21½- —
600 flash, s. r., bbls., c.l. gal. .22½- —
650 flash, bbls, c.l., f.a.s., gal. .27½- —
Warren, E., bbls., c.l., f.a.s., gal. .26 - —
smaller lots, f.o.b. gal. .27 -
Mace, dist., cns., dms. lb. 1.80 - 1.85
Mandarin, superior, coppers. lb. 6.25 - 6.30
Menhaden, crude, tanks, f.o.b. Balto. gal. .31½ Nom.
refd., alkali, dms. lb. .0750- —
tanks lb. .0690- —
refd., blown, dms. lb. .0770- —
kettle-bodied, dms. lb. .0870- —
light pressed, dms. lb. .0690- —
tanks lb. .0630- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns. lb. 1.60 - 1.70
dist., natural, bots. lb. 8.50 - 9.00
Neatsfoot, 20° cold test, bbls., lb. .19¼- —
extra, bbls. lb. .09¾- —
1, bbls. lb. .09 - —
pure, bbls. lb. .14¾- —
prime, bbls. lb. .09½- —
sulphonated, common, 25% moisture, dms. lb. .10½- —
Neroli, bots. lb. 100.00 -150.00
Nutmeg, USP, cns., dms. lb. 1.80 - 1.85
Officica, dms lb. .20 - .21
Oleo, 1, bbls. lb. .08 - —
2, bbls. lb. .07¾- —
Olibanum, bots. lb. 5.00 - 5.25
Olive, denat., bbls. gal. 1.00 - 1.05
edible, bbls. gal. 2.00 - 2.15
foots, dms. lb. .08½- .08¾
sulphonated, 50% (43% fat), dms., c.l. lb. No prices
l.c.l. lb. No prices
75% (63% fat), dms., c.l. lb. No prices
l.c.l. lb. No prices
80% (68% fat), dms., c.l. lb. No prices
l.c.l. lb. No prices
Orange, sweet, dist., cs. lb. .90 - —
Expressed, African, cns., dms., lb. 1.10 - 1.15
Calif., cns. lb. 1.50 - —
Florida, cns. lb. 1.30 - 1.35
Messina, USP, coppers lb. 3.00 - 3.75
West Indies, cns. lb. 2.45 - 2.60
terpeneless lb. 68.00 -69.00
Origanum, cns. lb. 1.50 - 1.65
Orris, Florentine, concrete, extra strong, bots. oz. 3.50 - 4.00
Palm, Niger, cks. lb. .05 - —
shipment lb. No prices
softs, 12½%, bulk, shipt. lb. No prices
20%, bulk, shipt. lb. No prices
Sumatra, shipt., bulk lb. No prices
Palmarosa, cns. lb. 2.75 - 3.00
Palmkernel, bulk, shipt. lb. No prices
Paraffin, 320° flash, 60-70 vis., tanks, G. S. gal. .05¼- —
350° flash, 70-80 vis., tanks, G. S. gal. .05⅛- —
80-85 vis., bbls., extra, ind. refy. gal. .12 - —
350° flash, 100-105 vis., bbls., extra, ind. refy. gal. .14 - —
360° flash, 100-110 vis., tanks, G. S. gal. .05⅝-
Patchouli, bots., cns. lb. 4.50 - 5.00
Peanut, crude, dom., tanks. lb. .06¾- .07
refd., edible,, bbls. lb. .10 - —
Pennyroyal, dom., cns. lb. 2.15 Nom.
import, cns. lb. 2.75 - 2.80
Peppermint, natural, cns., dms. lb. 2.75 - 3.00
redist., USP, cns., dms. lb. 3.00 - 3.25
Perilla, dms. lb. .15¾- .16
tanks lb. .15 - .15½
Petitgrain, Paraguay, cns. lb. 1.15 - 1.20
Pimento berry, cns. lb. 4.75 - 5.00
leaf, cns. lb. 2.75 - 2.80
Pine, dest.-dist., straw-color, dms., dlvd., E. ports gal. .53 - .56
steam-dist., dms. gal. .50 - —
tanks gal. .54 - —
Pineneedle, Siberian, cns. lb. 1.25 - 1.35
Putty, bbls., E. Segundo, Richmond, Cal. gal. .22½- —
contracts gal. .19½- —
Whiting, Ind. gal. .26 - —
dms., c.l., Bost., Provid. gal. .26 - —
l.c.l., same basis gal. .27 - —
tanks, same basis gal. .18 - —
Martinez, Cal. gal. .28 -
Rapeseed, blown, bbls. lb. .17 - .17½
denat., bbls. gal. 1.00 - 1.05
Red. dist. or saponif dms., dlvd. lb. .08½- .09½
tanks, dlvd. lb. .08 - —
Rose, artif., bots. oz. 2.00 - 2.25
natural, coppers oz. 12.00 -25.00
Rosemary, Spanish, cns. lb. .75 - .80
dms. lb. .70 - .75
Rosin, 1st rectfd., dms. gal. .50 - —
2d rectfd., dms. gal. .52 - —
3d rectfd., dms. gal. .56 - —
Rue, bots. lb. 3.00 - 3.25
Sage, cns. lb. 2.75 - 3.00
Sandalwood, E. I., USP, cns. lb. 5.25 - 5.50
Mysore, cns., case lots. lb. No prices
Sardine, crude, tanks, Pac. Cst. gal. .30½ Nom.
refd., alkali, dms. lb. .0750- —
tanks lb. .0690- —
kettle-boiled, dms. lb. .0870- —
light pressed, dms. lb. .0690- —
tanks lb. .0630- —

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Oil, sassafras, artif., cns.	lb.	.77	Nom.
dms.	lb.	.75	Nom.
natural, cns., dms.	lb.	1.20	- 1.25
Savin, cns.	lb.	3.00	- 3.25
Savory, cns.	lb.	2.00	- 2.25
Sesame, refd., import, dms.	lb.	.12	Nom.
Shingle stain, bbls., c.l., wks.	gal.	.19	- —
l.c.l., works	gal.	.21	- —
tanks, works	gal.	.14	- —
Snakeroot, Canada, cns.	lb.	9.50	-10.00
Soybean, dom., crude, dms.	lb.	.06¾	- .06¾
tanks	lb.	.05¾	- —
refd., dms.	lb.	.07¾	- .08
tanks	lb.	.07	- —
Spearmint, USP, cns.	lb.	2.00	- 2.10
Sperm, bleach, 38° dms.	lb.	.1030	- —
45°, dms.	lb.	.0960	- —
natural, dms.	lb.	.0910	- —
Spruce, cns., dms.	lb.	1.00	- 1.25
Sweet, birch, North, cns.	lb.	2.25	- 2.65
South. cns.	lb.	1.45	- 1.50
Tall, crude, dms., c.l., works,	ton.	35.00	- —
l.c.l., works	ton.	40.00	-55.00
tanks, works	ton.	25.00	- —
refined, dms., c.l., works	lb.	.04	- .05½
l.c.l., works	lb.	.04½	- .06¼
tanks, works	lb.	.03½	- .05
Tallow, acidless, bbls.	lb.	.08¾	- —
tanks	lb.	.08¼	- —
Tansy, cns.	lb.	6.00	- 6.25
Tar, pine, cm'l, dms., c.l., dlvd. E. cities	gal.	.26	- —
E. ports	gal.	.25	- —
l.c.l.	gal.	.26	- —
tanks, dlvd. E. cities	gal.	.20	- —
Tar, pine, rectfd., USP, bbls., dlvd., E. ports	gal.	.58	- —
Tar acid (see T).			
Teaseed, crude, dms.	lb.	.12½	Nom.
refined, dms.	lb.	.14	Nom.
Tea Tree (see Oil, Ti tree).			
Thyme, NF, red, dms.	lb.	1.10	- 1.25
white, dms.	lb.	1.15	- 1.30
Tung (see Oil, chinawood).			
Ti tree, cns.	lb.	2.50	- 3.00
Turkey red (see Oil, castor, sulphonated)			
Turpentine (see T).			
Turtle, cns.	gal.	7.50	Nom.
Valerian, bots.	lb.	8.00	- 9.00
Vetiver, bots.	lb.	3.35	-18.00
Walnut, crude, dms.	lb.	.15	Nom.
refd., dms.	lb.	.16	Nom.
Whale, refd., natural, dms.	lb.	.0910	- —
winter, bleach, dms.	lb.	.0950	- —
Wheat germ, cns., dms.	gal.	17.50	-25.00
White, mineral, dom., dms., tech., 60-90 vis., dms.	gal.	.38	- .44
65-75 vis., dms.	gal.	.40	- .46
80-90 vis., dms.	gal.	.41	- .47
USP, 80-90 vis., dms.	gal.	.44½	- .50
95-105 vis., dms.	gal.	.57	- .58
125-135 vis., dms.	gal.	.64½	- .65½
140-150 vis., dms.	gal.	.67	- .68
175-185 vis., dms.	gal.	.72½	- .73½
200-210 vis., dms.	gal.	.74½	- .75½
USP., 320-330 vis., dms.	gal.	.78	- .81
335-345 vis., dms.	gal.	.81	- .82
Russian, 80-90 vis., dms.	gal.	.58	Nom.
145-155 vis., dms.	gal.	.76½	Nom.
175-185 vis., dms.	gal.	.80½	Nom.
335-345 vis., dms.	gal.	.89	Nom.
Wintergreen, natural, North, cns.	lb.	4.00	- 5.00
South. cns.	lb.	3.05	- 3.75
synth (see Methyl salicylate).			
Wood (see Oil, chinawood).			
Wormseed, cns.	lb.	3.35	- 3.40
Wormwood, cns.	lb.	5.35	- 5.50
Ylang-ylang, Bourb., bots., cns.	lb.	2.50	- 3.00
Manila, bots.	lb.	18.00	-24.00
Olivine, aggregate, c.l., mines,	ton.	7.00	-11.00
Lumps, same basis	ton.	7.00	- —
Spalls, same basis	ton.	5.00	- —
ground, 325 mesh, c.l., mines,	ton.	20.00	- —
200 mesh, c.l., mines	ton.	17.00	- —
100 mesh, c.l., mines	ton.	15.00	- —
20 mesh to dust	ton.	12.00	- —
Opium, USP, cns.	lb.	11.50	-12.50
gran., cns.	lb.	12.50	-13.50
powd., cns.	lb.	12.50	-13.50
Orange Lake, Persian, bbls.	lb.	.30	.45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.11	- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11¼	- —
Colo., Mont., N.M., Wyo.	lb.	.11¼	- —
Other points	lb.	.10¾	- —
smaller lots, dlvd., Ala., etc.	lb.	.11½	- —
Ariz., etc.	lb.	.12	- —
Colo., Mont., N. M., Wyo.	lb.	.11¾	- —
Other points	lb.	.11½	- —
Mineral, French, Tours, casks, ex dock	lb.	.13½	- —
kgs., ex dock	lb.	.14½	- —
Molybdate, bbls.	lb.	.31	- —
Toner, bbls.	lb.	.80	- —
Orangeflower petals, cs.	lb.	.50	- .65
Orange peel, bitter, bls.	lb.	.09	- .10
sweet, bls.	lb.	.17	- .19
Orris root, Florentine, bgs.	lb.	.11	- .14
fingers, cs.	lb.	1.25	- 1.30
powd., bbls., bxs.	lb.	.15	- .16
Verona, bls.	lb.	.11	- .14
powd., bxs., cs.	lb.	.15	- .16
Orthoanisidin, bbls.	lb.	.76	- —
Orthochloroanilin, dms.	lb.	.60	- .75
Orthochlorophenol, dms.	lb.	.52	- —
Orthocresol, dms., c.l., works.	lb.	.16	- —
l.c.l., same basis	lb.	.16½	- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies	lb.	.06	- —
l.c.l., same basis	lb.	.07	- —
100-lb. tins, same basis	lb.	.08	- —
50-lb. tins, same basis	lb.	.09	- —
tanks, same basis	lb.	.05½	- —
Orthodichlorobenzene prices west of Rockies lc. per lb. higher.			
Orthonitroanilin, dms.	lb.	.55	- —
Orthonitrochlorobenzene, dms.	lb.	.15	- .18
Orthonitroparachlorophenol, cns.	lb.	.75	- —
Orthonitrotoluene, dms.	lb.	.09	- —
Orthophenetidin, dms.	lb.	.80	- —
Orthotoluidin, dms.	lb.	.19	- —
Osage orange extract, cryst., bbls.	lb.	.21	- —
liquid, 42°, bbls.	lb.	.09	- —
51°, bbls.	lb.	.10	- —
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50	- —
bots., cns., 1-50 lbs.	lb.	3.65	- 4.00
Orthotoluene hydrochloride, dms.	lb.	.22	- —
Sulphonate, kgs.	lb.	2.00	- 2.05

P

Papain, powd., cs.	lb.	1.60	- 1.65
Paprika, Hungarian, extra fancy, bgs.	lb.	.34	- .35
medium, bgs.	lb.	.29½	- .30
Paprika, Portuguese, extra fancy, bgs.	lb.	.31½	- .32
fancy, bgs.	lb.	.30½	- .31
Spanish, extra fancy, cs.	lb.	.36	- .37
Parachlorophenol, dms.	lb.	.32	- —
Paracymene, refd., dms.	gal.	.75	- 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11	- .12
l.c.l.	lb.	.12½	- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.06½	Nom.
bbls., c.l., N.Y.	lb.	.07	Nom.
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.06¾	Nom.
bbls., c.l., N.Y.	lb.	.07	Nom.
yellow, 124-126 A.m.p., bbls., c.l., N.Y.	lb.	.07	Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l.	lb.	.0660	- —
loose, c.l.	lb.	.0625	- —
125-127 A.m.p., bgs., c.l.	lb.	.0675	- —
loose, c.l.	lb.	.0640	- —
128-130 A.m.p., bgs., or loose, c.l.	lb.	.0680	- —
131-133 A.m.p., bgs. or loose, c.l.	lb.	.0705	- —
133-135 A.m.p., bgs., or loose, c.l.	lb.	.0730	- —
135-137 A.m.p., bgs., or loose, c.l.	lb.	.0755	- —
138-140 A.m.p., bgs., or loose, c.l.	lb.	.0830	- —
143-145 A.m.p., bgs., or loose, c.l.	lb.	.0925	- —
151-153 A.m.p., bgs., or loose, c.l.	lb.	.70	Nom.
Refined paraffin prices in cases are 1½c. lb. higher than bags price; solid in tankcars is .06c. lower.			
match, A.m.p. up to and incl. 110-112 bbls. c.l.	lb.	.06¼	Nom.
semirfd., solid., 123-124 A.m.p., bgs.	lb.	.06½	Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N.Y.C.	lb.	.34	- —
100 to 900 lbs. shipments, same basis.	lb.	.35	- —
Paraldehyde, tech., 99%, 55 and 100 gal. dms., c.l., works.	lb.	.10	- —
l.c.l., works	lb.	.11¼	- —
5 and 10-gal. dms., works.	lb.	.15	- —
USP, cs., cbys.	lb.	.37	- .45
Paranisidine, dms.	lb.	.75	- —
Paranitroanilin, kgs., works	lb.	.47	- —
Paranitrochlorobenzene, kgs.	lb.	.15	- —
Paranitrophenol, kgs.	lb.	.35	- —
Paranitrotoluene, kgs.	lb.	.30	- —
Paraphenylenediamine, bbls.	lb.	1.25	- 1.30
Paratoluenesulphonamide, bbls.	lb.	.70	- —
Paratoluidin, bbls.	lb.	.48	- —
Pareira brava root, bls.	lb.	.21	- .22
Paris green, dealer, dms., bbls., c.l., f.o.b. works, frt. alld.	lb.	.23	- .25
less car lot, same basis.	lb.	.24	- .26
Passion flower, herb, bls.	lb.	.07	- .08
Patchouli leaves, bls.	lb.	.28	- .30
Pellitory root, bls.	lb.	.28	- .29
Pennyroyal leaves, bls.	lb.	.15	- .16
Pentanes norm., 28-38°, dms., c.l., G.3.	gal.	.11½	- —
l.c.l., G.3.	gal.	.16	- —
tanks, G.3.	gal.	.08½	- —
laboratory grade, dms., c.l., G.3.	gal.	.14	- —
l.c.l., G.3.	gal.	.25	- —
Pepper, black, Alleppey, bgs.	lb.	.08	- .09
Lampong, bgs.	lb.	.04½	- .04½
Tellicherry, bgs.	lb.	.08	- .08½
Red, chillies, Japan, Hontaka.	lb.	.22½	- .23
Mombassa, bgs.	lb.	.40	- .41
White, Java, Muntok, bgs.	lb.	.07¾	- .08¼
Saigon, bgs.	lb.	.07½	- .08
Peppermint leaves, dom., bls.	lb.	.35	- .36
import, bls.	lb.	.45	- .50
Perchlorethylene, dms., c.l., works, frt. alld., zone 1.	lb.	.08	- —
l.c.l., same basis.	lb.	.08½	- —
Zone 2, dms., c.l., works, frt. alld.	lb.	.08½	- —
l.c.l., same basis.	lb.	.09	- —
Zone 3, dms., c.l., works, frt. alld.	lb.	.09	- —
l.c.l., same basis.	lb.	.09½	- —
Zone 4, dms., c.l., f.o.b. stock points.	lb.	.09	- —
l.c.l., same basis.	lb.	.09½	- —

All prices on perchlorethylene are frt. alld. with the exception of zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru, balsam, dms.	lb.	1.10	- 1.15
Petrolatum, amber, dms., c.l.	lb.	.04	- —
l.c.l.	lb.	.05	- —
amber, extra, dms.	lb.	.04½	- —
l.c.l.	lb.	.05¼	- —
veterinary, dms., c.l.	lb.	.03½	- —
white, cream, dms., c.l.	lb.	.06	- —
l.c.l.	lb.	.07½	- —
lily, dms., c.l.	lb.	.07	- —
l.c.l.	lb.	.08½	- —
snow, dms., c.l.	lb.	.08	- —
l.c.l.	lb.	.09½	- —
Petroleum, crude, bulk, at wells:—			
California	bbl.	.63	- 1.75
Canada	bbl.	2.10	- 2.17
Central West:—			
Illinois	bbl.	.53	- 1.00
Lima	bbl.	.90	- —
Michigan	bbl.	.82	- 1.02
Princeton	bbl.	1.05	- —
East Texas	bbl.	1.10	- —
Gulf Coast	bbl.	.74	- 1.41
Kentucky, Tennessee	bbl.	1.02	- 1.10
Louisiana, Arkansas	bbl.	.73	- 1.20
Mexico	bbl.	No prices	
Midcontinent:—			
North Texas	bbl.	.51	- 1.10
Oklahoma-Kansas	bbl.	.58	- 1.10
Pennsylvania, Ohio, West Virginia:—			
Bradford-Allegany	bbl.	2.50	- —
Corning	bbl.	1.17	- —
Pennsylvania grade, in Buckeye lines.	bbl.	1.70	- —
Eureka lines.	bbl.	2.09	- —
N. Y. Transit lines,	bbl.	2.50	- —
S. W. Penn lines.	bbl.	2.15	- —
lower district in National Transit lines.	bbl.	2.28	- 2.50
Rocky Mountain	bbl.	.51½	- 1.30
South Central and Southwestern Texas.	bbl.	.73	- 1.27
Texas Panhandle	bbl.	.67	- .96
West Texas	bbl.	.53	- .95
Ether, 30-60° dms., c.l., G.3,	gal.	.14½	- —
l.c.l., G.3.	gal.	.23½	- —
tanks, G.3.	gal.	.13½	- —
35-60°, dms., l.c.l., G.3.	gal.	.30½	- —

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17

USI ALCOHOL NEWS USI

December ★ A Monthly Series of Technical Articles for Chemists and Executives ★ 1939

Obtains Sterols From Yeast and Molds by Using Butyl Alcohol

LONDON, England — That sterols can be recovered from yeasts, molds, and similar fungoid growths by a process using butyl alcohol is revealed in a patent recently issued here.

According to the patent, a fraction containing the fat of the fungoid organism is separated by plasmolysis or boiling with acid. The fraction is treated with a solvent such as butyl alcohol, which is partially but not completely miscible with water and stable to the action of caustic alkalis. The fat is saponified in the presence of the butyl alcohol. The product is then evaporated almost to dryness, and the remaining solvent dissolved in water, separating the sterol from a solution of the soap in the solvent.

Butyl Alcohol is produced by U.S.I.

Industrial Alcohol Institute To Dissolve in January

According to a resolution unanimously adopted at a meeting of its Board of Directors, the Industrial Alcohol Institute will be dissolved on or before the 15th of next month. The Institute was organized February 20, 1926, and has cooperated since that date with scientific societies, trade organizations, and others concerned in protecting and promoting the uses of industrial alcohol—ethyl and denatured—under Federal and State laws.

In the resolution the Board praised particularly the services of Miss R. E. Boyce, Executive Secretary, and Captain James P. McGovern, General Counsel. Miss Boyce is finishing her twelfth year with the Institute. Captain McGovern, who has been active in the industry for thirty-nine years and General Counsel of the Institute since its organization, will continue the general practice of law in the Munsey Building, Washington, D. C.

Alcohol and Peroxide Form New Disinfectant

BELMONT, Mass.—How alcohol and hydrogen peroxide can be combined to form a fungicide and germicide is revealed in a patent granted to an inventor here.

When an aqueous mixture of the alcohol and the peroxide is subjected to a dehydration treatment, they condense to form a hydroperoxide, says the inventor. The resulting compound is a powerful disinfectant, and also is useful as a bleaching agent, it is stated.

Suggests Diethyl Phthalate To Make Perfumed Soap Base

LONDON, England—Perfumed toilet soaps are easily built up on an amber base, using a top note such as jasmin or bergamot, it is reported in a recent issue of *Manufacturing Perfumer*. A suggested formula for the amber base is:

	Parts
Opoponax resinoid	5
Benzoin Siam resinoid	4
Labdanum resinoid	1
Ethyl cinnamate	3
Diethyl phthalate	4

It is said that with this base a bouquet perfume of lasting value can be built up.

Diethyl phthalate is produced by U.S.I.

Anhydrous Solox to Protect Byrd's Automotive Equipment

U.S.I.'s Solox Will Guard Against Dangerous Consequences of Condensed Moisture During Rigorous Antarctic Operations

U.S.I.'s Anhydrous Solox, it has been announced, will be blended with the gasoline used in all automotive equipment of the U. S. Antarctic Service to guard against the dangers of condensed moisture which without such protection would cause serious consequences under the rigorous temperatures of the Antarctic.

Anhydrous Solox has already been loaded on board the North Star, supply ship which will carry the expedition, commanded by Rear-Admiral Richard E. Byrd, on the first leg of its journey to the South Pole. The Anhydrous Solox will be used in all the automotive equipment of the expedition, including remodeled Army tanks, tractors, stationary equipment, and the Snow Cruiser which was specially designed for Antarctic survey work.

This giant Snow Cruiser is one of the key units in the Antarctic Expedition's equipment.

Overcomes Menace of Severe Cold

In the Antarctic regions where this equipment will be used, the dangers of condensed moisture become especially menacing. Every motorist is aware of the damage that can be done by moisture condensing in partly filled fuel tanks, particularly in cold weather, when it is likely to freeze and block up the entire fuel system.

(*Continued on next page*)

Drums of Anhydrous Solox are seen being loaded on the supply ship North Star, while W. S. Wallace, manager of U.S.I.'s Boston office, supervises the operation. Insert shows close-up view of the Solox drums being checked off. Anhydrous Solox will guard against condensed moisture dangers.

Describes New Cleaning And Polishing Materials

WASHINGTON, D. C.—A report on advances in washing, cleaning, and polishing compounds has been issued here.

Among the topics discussed are soap-making processes, alkaline cleansers, the newer soapless detergents, sulfonated oils, special phosphates, dry-cleaning soaps and solvents, and various types of polishing compounds, including polishes for automobiles, furniture, floors, metal, glass, stoves, and shoes.

U.S.I. will be glad to refer readers to the source of the complete report.

Prevent Discoloring of Liquid Antiseptic Soap

ROCHESTER, N. Y.—How darkening of liquid soap on exposure to light and air can be prevented is revealed in a patent issued to two inventors here.

A soap such as a liquid coconut oil soap is used with water and a hardwood oil in a proportion which would ordinarily cause darkening, it is reported. By using a blending agent consisting of ethyl alcohol and a bromide or iodide of potassium, sodium, calcium, lithium, barium, strontium, or magnesium, the wood oil is prevented from darkening, it is claimed.

Ethyl Alcohol is produced by U.S.I.

ADVERTISEMENT—*This entire page is a paid advertisement.*

December ★ ALCOHOL NEWS ★ 1939

Methyl Alcohol Technique Boosts Lactic Acid Yield

WASHINGTON, D. C. — Excellent results in the economical production of pure lactic acid are promised by a new technique using methyl alcohol, it has been announced by Government scientists here. Yields of lactic acid as high as 85% of the theoretical value can be obtained, it is claimed.

Process is said to consist of starting with crude calcium or sodium lactate, which can be obtained from whey at low cost, then adding methyl alcohol, and heating in the presence of an excess of sulphuric acid. The equipment needed for plant and laboratory operations is simple and inexpensive, it is stated.

While other alcohols can be used, methyl alcohol appears to give the best results, it is reported.

Methyl Alcohol is sold by U.S.I.

New Soap Absorbs Odors

PLANDOME, N. Y.—A soap that absorbs the odors of perspiration and smoke can be made using sodium bicarbonate, it is set forth in a patent recently issued to an inventor here. The soap is said to consist of a mixture of 10 to 20% bicarbonate with ordinary soap.

Solox at South Pole

(Continued from previous page)

At temperatures of —70 degrees F., or even lower—such as will be encountered by the expedition—a blocked fuel line would be extremely dangerous. It might result in stranding a unit of the expedition far from its base, and repairs would be very difficult. At these temperatures it is impossible to work on metal parts with bare hands, and gloves that give adequate protection against the cold make repair work virtually impossible. A further danger is that the extremely rapid formation of ice, with the resulting expansion, might cause connections to give way.

Solox Will Keep Moisture in Suspension

To obviate these dangers, the U. S. Antarctic Service will blend its gasoline with Anhydrous Solox. Anhydrous Solox has the property of being soluble in gasoline in all proportions, and it can therefore be uniformly dispersed throughout the entire mass of the gasoline. Moreover, this grade of Solox is highly hygroscopic, and is able to absorb all of the condensed moisture that will probably occur in normal Antarctic operation. As a result, the condensed moisture will be dispersed throughout the entire fuel mass, remaining in a suspended state instead of separating out. In this state the moisture can be disposed of during combustion in the cylinder, without producing a blanketing effect on the firing charge.

Even if the amount of moisture is greater than the Solox can hold in suspension—an unlikely condition—the fuel lines would still not be jammed with ice. The Solox would then separate out of the gasoline along with the water, and the resulting mixture would not freeze. This mixture can be handled by the carburetor in the regular manner and thus be flashed off into steam by the combustion of the Solox (which can be fired in the presence of water).

An additional advantage of Anhydrous Solox is that it improves the anti-knock qualities of gasoline. This characteristic will increase the efficiency and smoothness of engine operation. Solox will also keep jets clean of sludge and gums because of its exceptional solvent action on such deposits.

Milkweed Yields Enzyme That Makes Steak Tender

BERKELEY, Calif.—The lowly milkweed can be made to yield a rare derivative that aids digestion and makes tough steaks tender, it has been revealed here.

Asclepain, the new derivative, is a proteolytic enzyme, which breaks down the protein in foods into more simple, easily digestible substances, it was reported. Only one other plant has been found to yield a similar substance—the papaya, source of papain.

Peps Up Sex Hormones

BASLE, Switzerland—That the activity of sex hormones used in the treatment of diseases can be increased by a simple treatment is revealed in a U. S. patent issued to an inventor here. Treatment is said to consist simply in adding to the hormones a compound selected from the group including aliphatic alcohols or the fatty acids, such as palmitic, stearic, and oleic acids.

Makes New Anesthetic from Rancid Butter Ingredient

WYNCOTTE, Pa.—Butyric acid—the compound formed when butter turns rancid—forms the base of a new local anesthetic, according to a patent issued to an inventor here.

The anesthetic is called procaine butyrate, and is formed by reacting procaine with the butyric acid, it is reported.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

Refined fatty acids of a new type can be used either wholly or partially to replace animal red oil, olive oil, and other fats and fatty acids at much lower cost, according to the maker. Suggested applications include liquid soaps, potash jelly soaps, disinfectants, and many other products, it is reported. **(No. 280a)**

U S I

A label cement is said to make labels adhere to shiny tin and metal containers as well as painted or enameled surfaces, without blistering or fading of colors. It can be applied directly to the container, and causes labels to adhere permanently, it is claimed. **(No. 281a)**

U S I

An adhesive tape can be used for splicing, joining, and patching cloth, paper, and abrasive belts, or as a backing material for blueprints, etc., it is announced. According to the manufacturer, the adhesive is activated by applying heat by means of an iron. **(No. 282a)**

U S I

A permanent wave cream is reported to be superfatted to condition the hair and protect it from heat during the waving process. It is said to leave the hair in a springy yet soft condition. **(No. 283a)**

U S I

A cocoa butter substitute has recently been placed on the market. According to the maker, it is white, odorless, tasteless, and edible, and has a very low iodine number and a melting point which permits its use in place of cocoa butter in many cases. **(No. 284a)**

U S I

A peppermint oil substitute is said to contain approximately 50% menthol. It may be used in the same way as regular peppermint oil, and offers a substantial saving in cost, it is reported. **(No. 285a)**

U S I

A wetting agent is described as a milky preparation suggested for use only in cake soap. It is said to be particularly suitable for addition to soap to increase its usefulness in hard-water areas. **(No. 286a)**

U S I

An immersion heater is said to be available at an exceptionally low price. It will work in tanks of any size, and can be set to give desired temperature control, it is announced. **(No. 287a)**

U S I

A floral type odor may be used effectively for blending natural jasmin and orange blossom, it is claimed. Maker reports that the product is suitable for use in extracts, lotions, and other preparations. **(No. 288a)**

U S I

An all-purpose cleaner is reported to be free from abrasives, animal fats, and inert fillers. It is claimed that repeated applications of the cleaner will not injure any fabric or surface not affected by plain water. **(No. 289a)**

U.S.I. INDUSTRIAL CHEMICALS, INC.

60 EAST 42ND ST., N. Y. U.S.I. BRANCHES IN ALL PRINCIPAL CITIES

A SUBSIDIARY OF U. S. INDUSTRIAL ALCOHOL CO.

ALCOHOLS
Amyl Alcohol
Butyl Alcohol
Fusel Oil—Refined
Methanol

Ethyl Alcohol
Anhydrous
Absolute
C. P. 96%
Pure (190 proof)
Specially Denatured
Completely Denatured
*U. S. I. (Denatured Alcohol Anti-freeze)
*Super Pyro Anti-freeze
*Solox Proprietary Solvent

***ANSOLS**
Ansol M
Ansol PR

ESTERS, ACETATES
Acetic Ether
Amyl Acetate
Butyl Acetate
Ethyl Acetate

ESTERS, ETHYL
*Diatol
Diethyl Carbonate
Diethyl Oxalate
Ethyl Chlorocarbonate
Ethyl Formate
Ethyl Lactate

*Registered Trade Mark

ESTERS, PHTHALATES
Diamyl Phthalate
Dibutyl Phthalate
Diethyl Phthalate
Dimethyl Phthalate

OTHER ESTERS
Amyl Propionate
Butyl Propionate
Dibutyl Oxalate

INTERMEDIATES
Acetoacetanilid
Acetoacet-o-chloranilid
Acetoacet-o-toluidid
Ethyl Acetoacetate
Sodium Ethyl Oxalacetate

ETHERS
Ethyl Ether
Ethyl Ether Absolute—A.C.S.

OTHER PRODUCTS
Acetone, C.P.
Butyl-mesityl-oxide-oxalate
Cellulose Acetate
Collodions
*Curbay Binders
*Curbay X (Dried Curbay)
*Derex
Ethylene
Methyl Acetone
Nitrocellulose Solutions
Potash, Agricultural
*Vacatone

Petroleum, ether, 40-75°, dms., c.l., G.3.. gal.	.14½-	—
l.c.l., G.3.....gal.	.25½-	—
tanks, G.3.....gal.	.13½-	—
laboratory grade, dms., c.l., G.3..gal.	.14½-	—
c.l., G.3.....gal.	.25½-	—
10-gal. lots, G.3.....gal.	.50½-	—
Lacquer, diluent, at refinery:—		
California, 100 i.b.p., 200 e.p., tanks, delvd. Los Angeles..gal.	.11 -	—
San Francisco..gal.	.11½-	—
f.o.b. Richmond....gal.	.11 -	—
Willbridge, Ore., Pt. Wells, Wash..gal.	.12 -	—
East Coast, tanks.....gal.	.09½-	.10
Group 3, tanks.....gal.	.07⅞-	.08
Naphtha, cleaners', at refinery:—		
East Coast, tanks.....gal.	.09 -	.10½
Group 3, tanks.....gal.	.06⅞-	.07
tankwagon, Boston, ex tax, gal.	.13½-	—
Bridgeport .....gal.	.13½-	—
Chicago, inc. 4c. tax..gal.	.18 -	—
Decatur, inc. 4c. tax..gal.	.1910-	—
Des Moines, inc. 4c. tax, gal.	.1890-	—
Evansville, inc. ex tax.gal.	.15 -	.16
Milwaukee, inc. 5c. tax, gal.	.2030-	—
Minneapolis-St. Paul, inc. 5c. tax..gal.	.20½-	—
Newark, ex tax.....gal.	.10½-	—
New York, ex tax.....gal.	.10½-	—
Omaha, ex tax.....gal.	.1490-	.1590
Oklahoma City, ex tax.gal.	.16½-	—
Philadelphia, ex tax...gal.	.12 -	—
St. Louis, inc. 1c. tax.gal.	.15½-	—
Syracuse, 150 gals.....gal.	.14½-	—
smaller lots, galv. drums, gal.	.10 -	—
milk cans.....gal.	.21 -	—
high-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway..gal.	.16 -	—
2, over 90% arom., same basis..gal.	.17 -	—
8, tanks, f.o.b. Paulsboro, N. J..gal.	.13½-	—
TS-28, dlvd.....gal.	.13 -	—
30, same basis.....gal.	.14½-	—
40, same basis.....gal.	.15 -	—
v.m.&p., at refinery:—		
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal.	.11 -	—
Richmond..gal.	.11½-	—
Willbridge, Ore., Pt. Wells, Wash..gal.	.12 -	—
54-57, 190 i.b.p., 310 e.p., tanks, dlvd. Los Angeles, gal.	.10 -	—
San Francisco....gal.	.10½-	—
Portland, Seattle.....gal.	.11 -	—
East Coast, tanks.....gal.	.09½-	—
Group 3, tanks.....gal.	.06⅞-	.07
tankwagon, Boston, ex tax, gal.	.14½-	—
Chicago, inc. 4c. tax..gal.	.17 -	—
Des Moines, inc. 4c. tax.gal.	.1890-	—
Decatur, inc. 4c. tax..gal.	.1910-	—
Evansville, Ind., ex tax, gal.	.1520-	.1620
Milwaukee, inc. 5c. tax.gal.	.2030-	—
Minneapolis-St. Paul, inc. 5c. tax..gal.	.20 -	—
Newark, ex tax.....gal.	.11½-	—
New York, ex tax.....gal.	.10½-	—
Omaha, ex tax.....gal.	.1490-	.1590
Philadelphia, ex tax...gal.	.13 -	—
St. Louis, inc. 1c. tax.gal.	.1570-	—
Solvent, rubber, at refinery, East Coast, tanks, gal.	.09½-	—
Group 3, light, 120 i.b.p., 250 e.p., tanks..gal.	.06⅞-	.07
standard, 180 i.b.p., 288 e.p., tanks..gal.	.06⅞-	.07
Stoddard (CS 3-38), at refinery:—		
East Coast, tanks.....gal.	.08¾-	.09⅛
Group 3, tanks.....gal.	.06⅞-	.06⅞
tankwagon, Boston, ex tax, gal.	.14 -	—
Chicago, inc. 4c. tax..gal.	.1640-	—
Decatur, inc. 4c. tax..gal.	.1860-	—
Des Moines, inc. 4c. tax.gal.	.1840-	—
Evansville, Ind., ex tax.gal.	.14 -	.15
Milwaukee, inc. 5c. tax.gal.	.1980-	—
Minneapolis-St. Paul, inc. 5c. tax..gal.	.1820-	—
Newark, ex tax.....gal.	.09½-	—
New Orleans, ex tax...gal.	.11 -	—
New York, ex tax.....gal.	.09½-	—
Omaha .....gal.	.1360-	.14½
Philadelphia, ex tax...gal.	.13 -	—
St. Louis, inc. 1c. tax..gal.	.1340-	—
Tulsa, ex tax.....gal.	.10½-	.11½
Thinners, at refinery:—		
California, 34, 325 i.b.p., 390 e.p., low anilin, 6,000 gal. tanks or transport trucks, f.o.b. Los Angeles..gal.	.15 -	—
Portland, Ore.....gal.	.16 -	—
Richmond .....gal.	.14½-	—
Seattle, Wash.....gal.	.16½-	—
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore..gal.	.10½-	—
Richmond .....gal.	.10 -	—
Southern Calif....gal.	.09½-	—
200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal.	.11 -	—
Portland, Ore.....gal.	.12 -	—
Richmond .....gal.	.11½-	—
Seattle, Wash....gal.	.12 -	—
East Coast, 43-47, tanks.gal.	.08¾-	.09½
47-49, tanks.....gal.	.10½-	—
New Jersey, tanks.....gal.	.09 -	—
Group 3, tanks.....gal.	.05⅞-	.06
tankwagon, tax included:—		
Albany .....gal.	.13½-	—
Baltimore (100 gals.)..gal.	.14 -	—
25-99 gals.....gal.	.16 -	—
Boston .....gal.	.13½-	—
Bound Brook, North Amboy, N. J..gal.	.13½-	—
Bridgeport, Conn.....gal.	.11½-	—
Buffalo .....gal.	.15½-	—
Camden, N. J.....gal.	.10 -	.11½
Chicago .....gal.	.1670 -	—
Decatur .....gal.	.1810 -	—
Des Moines.....gal.	.1790 -	—
Evansville, Ind.....gal.	.1420 -	.1530
Milwaukee .....gal.	.1930 -	—
Minneapolis-St. Paul...gal.	.19½-	—
Newark .....gal.	.09½-	—
New York (200 gals.)..gal.	.09½-	—
Omaha .....gal.	.1360-	.1460
Philadelphia .....gal.	.12½-	—
Pittsburgh .....gal.	.11½-	.13½
Providence .....gal.	.12 -	—
Rochester .....gal.	.12½-	—
St. Louis.....gal.	.1470-	—
Syracuse .....gal.	.13 -	—
Trenton .....gal.	.10½-	—
Wilmington, Del.....gal.	.12½-	—
Phenobarbital, 5-lb. bots.....lb.	3.95 -	—
bots. or cns., 100 lbs., spot or contract..lb.	3.60 -	—
25-lb. cns.....lb.	3.85 -	—
Phenol, USP, dms., c.l., works, frt. equald..lb.	.13 -	—
l.c.l., same basis.....lb.	.13¾-	—
under 1,000 lbs.....lb.	.14¾-	—
tanks, works.....lb.	.12 -	—
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb.	.85 -	—
bbls., dms., kegs, 100-250 lbs., lb.	.37 -	.39
Phenolphthalein, yellow, fib. dms., 2,000-lb. lots..lb.	.80 -	—
100-lb. fib. dms.....lb.	.82 -	—
25-lb. dms. .....lb.	.87 -	—
50-lb. kgs. .....lb.	.84 -	—
Phenyl chloride, dms.....lb.	.17 -	—
Phenylacetaldehyde, bots.....lb.	2.10 -	2.50
Dimethylacetate, cns.....lb.	14.50 -	15.00
Phenyl ethyl acetate, cns.....lb.	2.45 -	2.50
Phenylethylphenyl acetate, bots., lb.	7.90 -	15.50
Phenylhydrazine, base, CP, bots., lb.	4.00 -	—
Hydrochloride, CP, bots., works..lb.	4.00 -	—
commercial, kgs., works...lb.	1.50 -	—
pure, bbls., works.....lb.	2.25 -	—
Phloroglucinol, CP, tins, works.lb.	20.00 -	22.00
tech., tins, works.....lb.	13.00 -	16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton.	4.35 -	—
land pebble, 68% min., bulk, mines..long ton.	1.90 -	—
land pebble, 70% min., bulk, mines..long ton.	2.15 -	—
Phosphate rock, Fla., high-grade, hard, land pebble, 72% min., bulk, mines, long ton.	2.40 -	—
75% basis, 74% min., bulk, mines..long ton.	2.90 -	—
Tenn., 72% bulk, mines, long ton.	4.50 -	—
75% bulk, mines..long ton.	5.50 -	—
Phosphorus, red, cs.....lb.	.40 -	.44
yellow, dms.....lb.	.18 -	.20
cases .....lb.	.23 -	.25
Oxychloride, cyls.....lb.	.15 -	.18
Pentoxide, dms., c.l., works..lb.	.11 -	.12
l.c.l., dms., works.....lb.	.13 -	.14
Sesquisulphide, cs.....lb.	.38 -	.42
Trichloride, cyls.....lb.	.15 -	.16
Phthalamide, bbls., works, tons, lb.	.35 -	—
single bbls., works.....lb.	.40 -	—
kgs., works.....lb.	.45 -	.50
Phthalic anhydride, bbls., c.l., works, frt. alld., E. of Miss R..lb.	.14½-	—
l.c.l., same basis.....lb.	.15½-	—
Pichi leaves, bgs.....lb.	.15 -	.16
Pilocarpine hydrochloride, bots., vis..oz.	4.00 -	4.25
Nitrate, bots., vis.....oz.	3.90 -	4.15
Pimento, bgs.....lb.	.15¼-	.15¾
Pinkroot, bls.....lb.	.36 -	.37
vis..oz.	4.00 -	4.25
Pitch, Burgundy (see B).		
Coaltar, 160° m.p., bbls., c.l., works..ton.	19.00 -	—
l.c.l. .....ton.	22.00 -	—
Hardwood, 1-time, dms., c.l., dlvd. Akron..ton.	23.75 -	24.00
Linseed, dms.....lb.	.05 -	.05¼
Petroleum (see Asphaltum, Mexican, Texas).		
Pine, bbls.....bbl.	6.00 -	6.50
Plaster of Paris (see Gypsum).		
Pleurisy root, Southern, bls...lb.	.12 -	.13
Podophyllin, dms., dlvd., E. of Miss..lb.	4.50 -	4.70
Poke root, bls. .....lb.	.07 -	.07½
Pomegranate bark, bgs.....lb.	.53 -	.53
Root bark, bgs.....lb.	.47 -	.48
Poppy flowers, red, bls.....lb.	1.00 -	1.15
Seed, Dutch, bgs.....lb.	.17 -	.17½
Hungarian, bgs.....lb.	.16½-	.17
Potash abietate.....lb.	.08 -	—
Acetate, tech., bbls., dlvd...lb.	.28 -	—
kgs., dlvd.....lb.	.28 -	—
USP, bbls., 250 lbs.....lb.	.28 -	—
kgs., 100 lbs.....lb.	.30 -	—
cns., 25 lbs.....lb.	.32 -	—
Arsenite, USP, solut., cbys., 100 lbs..lb.	.11 -	—
demj., 50 lbs.....lb.	.12 -	—

Pet. Ether—Pot. Chloride

Potash, bicarbonate, USP, cryst., bbls., 300 lbs..lb.	.15 -	—
kgs., 100 lbs.....lb.	.17 -	—
gran., bbls., 250 lbs.....lb.	.15 -	—
kgs., 100 lbs.....lb.	.17 -	—
Bichromate, spot, c.l., works, lb.	.08¾-	—
6 casks or 10 bbls., or over, works..lb.	.09 -	—
5 casks or 9 bbls., or less, works..lb.	.09¼-	—
Bromide, USP, gran., bbls., 500 lbs..lb.	.31 -	—
fib., dms., 100 lbs.....lb.	.32 -	—
Carbonate, calc., dms., c.l., works..lb.	.06¼-	—
l.c.l., same basis.....lb.	.06¾-	—
hydrated, 83-85%, bbls., c.l., works..lb.	.05½-	—
l.c.l., same basis.....lb.	.06¾-	—
liquid, dms., c.l., dlvd.....lb.	.03 -	—
l.c.l., dms.....lb.	.03½-	—
tanks, dlvd.....lb.	.0287½-	—
USP, gran., bbls., 325 lbs..lb.	.13¼-	—
powd., bbls., 325 lbs.....lb.	.19 -	—
kgs., 100 lbs.....lb.	.21 -	—
Caustic, flake, 96-98%, dom., c.l., works..lb.	.07 -	—
l.c.l. .....lb.	.07¼-	.07½
import, dms.....lb.	No prices	
liquid, 45% basis, dms.....lb.	.03½-	.03¾
tanks .....lb.	.02¾-	—
solid, 88-92%, dom., dms., c.l., works..lb.	.06¼-	—
l.c.l. .....lb.	.06½-	.06¾
import, dms.....lb.	No prices	
Chlorate, cryst., kgs.....lb.	.09½	Nom.
gran., kgs. .....lb.	.12	Nom.
powd., kgs. .....lb.	.08½	Nom.
Chloride, tech., 98%, cryst., bgs., kgs..lb.	.04	Nom

The road that isn't on the map

LIKE a highway map, the map of business contains many broad, well-traveled thoroughfares — drawn in bold colors, easily found and easily followed.

But sooner or later, to every businessman there comes a problem that has no easy road to solution. There comes a time when he must find a road that isn't on the map.

Rather than search out the way himself, the wise manufacturer adopts a faster, safer, sounder method; he calls upon the few who have traveled the road to guide him.

On naphtha problems, Shell offers just such guidance. It maintains a staff of Naphtha Technicians, each a thoroughly trained Chemical Engineer, each thoroughly experienced in the use and characteristics of naphthas.

If you are bothered by settling, discoloration, livering, or any other naphtha problem — call upon the Shell Naphtha Technician. He knows the road that isn't on the map.

SHELL NAPHTHAS

Pot. Chrom.—Soda, Bisulph.

Potash, chromate, kgs.....lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs..lb. .33½- —
kgs., 100 lbs.....lb. .34½- —
cns., 50 lbs.....lb. .35½- —
cns., 25 lbs.....lb. .37½- —
Cyanide, cns., dms.....lb. No prices
Cyanide, gold, 11% gold, bots, works..oz.14.20 -14.45
Glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb. 1.00 - —
100-lb. lots .....lb. 1.10 - —
50-lb. lots, cbys. or cns. lb. 1.15 - —
25-lb. lots, cns.....lb. 1.25 - —
Guaiacolsulphonate, fib., dms., 100-lb. lots..lb. 1.60 - 1.65
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns.. 100 lbs. .80½- .83
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.31 - 3.35
cns., 25 lbs.....lb. 3.20 - —
Iodide, bbls., 250 lbs.....lb. 1.35 - —
bots., or cns.....lb. 1.44 - 1.70
dms. .....lb. 1.35 - 1.55
Kainit, 20% K_2O, bulk, c.l.f. ports..ton.14.50 - —
bgs. .....ton.16.50 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.l.f. ports.....unit-ton. .58½- —
Import, 30%, K_2O, bulk, shipt. ton.17.55 - —
bgs. .....ton.19.55 - —
Metabisulphite, kgs.....lb. .18 - .20
Muriate, dom., all strengths, min., 50% K_2O, bulk, unit-ton. .53½- —
Import, all strengths, min. 50% KCl, basis 50% K_2O, bulk, c.l.f. ports...ton.26.75 - —
Potash muriate prices in bags are $2 per ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .26
Nitrate, crude, bgs., c.l.f. ports, ton.55.00 Nom.
Perchlorate, kgs., works.....lb. .09 - .10½
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .38 - .45
Yellow, bbls.....lb. .15 - .16
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.f.f. ports..ton.40.00 - —
Xanthate, dms., c.l.....lb. .13 - —
l.c.l. .....lb. .13½- —
Potash-magnesia sulphate, 48-55%, min. 48%, bgs., shipt., ton.24.75 - —
Potash titanium oxalate, 350-lb. bbls..lb. .40 - —
100-lb. dms.....lb. .45 - —
Prickly ash bark, bls.....lb. .15 - .16
Berries, bgs.....lb. .30 - .35
Prince's pine herb, bls..... lb. .15 - .17
Propane, tanks, Group 3....gal. .03¾- .04
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .25 - .28
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 8 or over, works..lb. .03½- —
less than 8, works....lb. .04½- —
0, 0-½, 0-¾, and ¾ bbls., less than 8, works....lb. .04½- —
8 or over, works.....lb. .04½- —
F and 1, bbls., 8 or over, works..lb. .04 - —
less than 8, works....lb. .04½- —
Ital.-grd., bgs., c.l., shipt. ex dock, N. Y...ton.39.00 Nom.
l.c.l., 5-29 tons, ex whse., ton.44.00 Nom.
1,000-10,000 lbs., ex whse...ton.46.00 Nom.
3 bgs., to 1,000 lbs., ex whse, ton.48.00 Nom.
single bgs., ex whse.ton.60.00 Nom.
Pumpkin seed, bgs.....lb. .10 - .11
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 6.00 - —
linseed oil, raw, dms....100 lbs. 4.50 - —
refined, dms. .....100 lbs. 5.00 - —
standard, dms. .....100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrin (Seil test) 55-gal. dms. (incl.) frt. alld., or divd., on 15 gls., or more, standard brand, odorless..gal. 7.15 - 7.50
(80 to 1) 3.6% pyrethrin, 55-gal. dms. (incl.) frt. alld., or divd., on 15 gals., or ore standard brand, odorless .....gal.10.65 -11.00
Pyrethrum, flowers, coarse, grnd. (g.d.p.) Japan, bgs., frt. alld., 15 tons or over..lb. .33 - .36
fine powd. Japan, bbls., ton lots frt. alld..lb .35 - .37
Pyridin, denaturing, dms....gal. 1.71 - —
refd., 2°, dms.....lb. .51 - —
Pyrites, Spanish, bulk, c.l.f. Atl. ports..unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst., works, fib., dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophyllite, standard, 200 mesh.. c.l. mines...ton. 9.00 - —
325 mesh, same basis....ton.12.00 - —
No. 3, 200 mesh c.l. mines.ton. 7.50 - —
325 mesh, same basis....ton.10.50 - —
Pyroxylin scrap, amber, cs., works..lb. .12 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works, lb. .13 - —
dense white, cs., works..lb. .10 - —
gray, cs., works.....lb. .08 - —
mixed, mottled, opaque, cs., works..lb. .04 - —
Pyroxylin, scrap, China white, shell-demi, cs., works..lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 25% tan, bbls., works..lb. .04 - —
tanks, works.....lb. .03½- —
solid, 65% bgs., c.l., ex dock, plus duty.lb. .04½- —
clarified, 64%, bgs., c.l., same basis..lb. .04¾- —
Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs.....lb. .10 - .11
Quercitron, extract, liquid, 51°, bbls..lb. .03½- .03½
solid, dms.....lb. .11 - .16½
Quicksilver, dom., flasks, (76 lbs. net, dlvd. N.Y...flasks.143.00 -145.00
European, flasks (76 lbs. net), in bond..flasks.120.00 - —
Quince seed, bgs.....lb. .85 - 1.10
Quinidine, cryst., small, cns..oz. 1.01 - —
large, cns.....oz. 1.03 - —
powd., precip., cns.....oz. .96 - —
Sulphate, cns.....oz. .69 - —
Subject to surcharge of 4c. per oz.; see note under Quinine
Quinine, 100 ozs., cns.....oz. .80 - —
Acetate, cns.....oz. 1.02 - —
Arsenate, cns.....oz. .95 - —
Arsenite, cns.....oz. 1.04 - —
Bisulphate, cns.....oz. .58 - —
Citrate, cns.....oz. .75 - —
Dihydrobromide, bots.....oz. .78 - —
Dihydrochloride, bots.....oz. .79 - —
Ethylcarbonate, cns.....oz. .80 - —
Ferrocyanide, cns.....oz. 1.04 - —
Formate, cns.....oz. .97 - —
Glycerophosphate, cns.....oz. 1.17 - —
Hydrochloride, cns.....oz. .72 - —
Hydrochlorosulphate, cns....oz. .79 - —
Hydroiodide, cns.....oz. 1.02 - —
Hypophosphite, cns.....oz. 1.03 - —
Phosphate, cns.....oz. .86 - —
Salicylate, cns.....oz. .76 - —
Sulphate, USP, X, cns.....oz. .57 - —
USP, XI, cns.....oz. .64 - —
Sulphocarbolate, cns.....oz. 1.03 - —
Tannate, cns.....oz. .60 - —
Tartrate, cns.....oz. 1.00 - —
Valerate, cns.....oz. .96 - —
Quinine buyers must pay a surcharge of 4c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Quinine-urea hydrochloride, cns.oz. .78 - —
Subject to surcharge of 4c. per oz.; see note under Quinine.

R

R, salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed, Belgian, bgs.....lb. .07½- .08
Dutch, black, bgs.....lb. .08 - .08½
red, bgs. .....lb. .06 - .08½
Japanese, bgs.....lb. .06¾- .07
Raspberries, dried, bls.....lb. .65 - .70
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia., (Shreveport, 1¼c.) Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita. prices are equalized with Chicago
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .90 - —
smaller lots, same basis, lb. .95 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.10 - —
light shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .85 - —
light-medium shade, bbls., ton lots, same basis..lb. .80 - —
smaller lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
maroon shades, bbls., ton lots, same basis..lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
maroon shades, kgs., ton lots, same basis..lb. 1.05 - —
smaller lots, same basis, lb. 1.10 - —
medium shade, bbls., ton lots, same basis..lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
Selenide, bbls., dark, works, lb. 2.50 - —
light, works.....lb. 2.25 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs. lb. 5.00 - —
dms., 500-lb. lots.....lb. 4.85 - —
100-lb. lots .....lb. 4.95 - —
Crocus martis, (see Red, purple oxide).
Eosin toner, bbls.....lb. 1.25 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y...03½- —
80%-85%, bbls., same basis..lb. .07¼- —
Iron oxide (see Red oxide).
Lake C toner, bbls., same basis
alizarin lake, contracts..lb. 1.10 - —
open order .....lb. 1.15 - —
Lithol toner, bbls., same basis, alizarin, lake, contrs...lb. .55 - —
open order.....lb. .60 - —
Rose lake, bbls.....lb. .20 - .28
Pink, bbls.....lb. .15 - .20
Lithol-rubine toner, bbls., same basis alizarin lake..lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls, lb. 2.41 - —
Metallic, bbls., Pa., works...lb. .03 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09½- —
shell, dom., cs., works.....lb. .12 - —
reduced, 95% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y.....lb. .06½- —
95% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts .lb. .70 - —
open order.....lb. .75 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y.lb. .04½- —
ex whse., Chicago, St. Louis..lb. .05½- —
San Fran., Los Ang., Portland, Seattle..lb. .05¾- —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.00 - —
Red, purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N. Y..lb. .03¾- —
Toluidine toner, kgs., same basis alizarin lake..lb. 1.20 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake.....lb. .15 - —
quicksilver, bbls., 5 tons..lb. No prices
smaller lots.....lb. 2.46 - 2.55
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 2.66 - —
Red saunders wood, ground, bbls., lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .12 - .14
Rhodinol, bots.....lb. 5.35 -10.00
Rhubarb, bots.....lb. .55 - .60
powd., bbls., kgs.....lb. .60 - .65
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .20¾- —
smaller lots.....lb. .21¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .19¾- —
smaller lots.....lb. .20¼- —
Rose flowers, pale, bls.....lb. .55 - .60
red, bls.....lb. 3.50 - 3.55
Rosemary, flowers, bls.....lb. .45 - .50
leaves, bls.....lb. .07 - .12
Rosin, gum, bbls., ex dock, 280 lbs. 5.25 - —
D, bbls.....280 lbs. 5.35 - —
E, bbls.....280 lbs. 6.00 - —
F, bbls.....280 lbs. 6.15 - —
G, bbls.....280 lbs. 6.35 - —
H, bbls.....280 lbs. 6.45 - —
I, bbls.....280 lbs. 6.55 - —
K, bbls.....280 lbs. 6.65 - —
M, bbls.....280 lbs. 6.70 - —
N, bbls.....280 lbs. 6.70 - —
W. G., bbls.....280 lbs. 6.90 - —
W. W., bbls.....280 lbs. 7.45 - —
X, bbls.....280 lbs. 7.45 - —
Rosin, wood, bbls.....280 lbs. 4.60 - 6.25
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 Nom.
l.c.l., f.o.b. mines.....ton.37.50 Nom.
Rue, bls.....lb. .30 - .35

S

Sabadilla seed, powd., bbls....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .35 - .40
Saffron, Mexican, bls.....lb. .35 - .40
Spanish, tins.....lb.38.00 -40.00
Sage, Dalmatian, stemless.....lb. .10 - .11
garden, bls.....lb. .11½- .12
Safrol, cns.....lb. .72 - .77
dms. .....lb. .70 - .75
Sago flour, bgs.....lb. .04 Nom.
Salicin, bots., 5 lbs.....lb. 7.04 - —
cns., 25 lbs.....lb. 7.00 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 -13.80
l.c.l., bgs., dlvd., N. Y..ton.15.00 -15.60
vacuum, common, fine, bgs., c.l. dlvd., N.Y..ton.15.30 - —
l.c.l., dlvd., N.Y.....ton.16.60 -19.70
Saltcake, grd., dom., bbls., works, ton.24.00 Nom.
bulk, works.....ton.17.00 Nom.
import, bulk, c.i.f.....ton.18.00 Nom.
Chrome (see Chrome cake)
Saltpeter, dbl., refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons .....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons, 100 lbs. 6.50 - —
1-9 tons .....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons .....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....kilo.130.00 -132.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots, 5 lbs.....lb. 1.65 - —
cns., 25 lbs. .....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .40 - .41
Mexican, bls. .....lb. .19 - .20
Sassafras, bark, ord., bls.....lb. .13 - .14
select, bls.....lb. .20 - .21
Savory, bbls.....lb. .15 - .16
Saw palmetto berries, bgs.....lb. .08 - .09
Scammony root, bgs.....lb. .07 - .09
resin, lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .16½- —
smaller lots.....lb. .16¾- —
kegs, 5,000 lbs., 1 shipm't..lb. .16½- —
smaller lots.....lb. .17½- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega root, bls.....lb. .80 - .85
Senna leaves, Alexandria, half leaf, bls.....lb. .15 - .16
Tinnevelly, No. 1, bls.....lb. .12 - .13
2 bls.....lb. .10 - .11
3 bls.....lb. .08½- .09
powd., bbls., bxs.....lb. .12 - .13
Pods, bls.....lb. .09 - .10
Serpentaria root, bls.....lb. .78 - .80
Shellac, bleached, bonedry, bbls., f.o.b., N. Y..lb. .23 - .26
dlvd. Boston.....lb. .25½- .26½
Chicago .....lb. .25¾- .26¾
Pacific Coast.....lb. .28 - .29
refd., bbls., f.o.b., N.Y.....lb. .31 - .32
dlvd. Boston.....lb. .31½- .32½
Chicago .....lb. .31¾- .32¾
Pacific Coast.....lb. .34 - .35
Garnet, bgs.....lb. .19 - .20
Orange, D.C., VSO., Diamond I. cases..lb. .32 - .33
Superfine, bgs., f.o.b. Bost., N. Y..lb. .20 - .21
dlvd., Chicago.....lb. .20½- .22½
Pacific Coast.....lb. .23 - .24
T.N., bgs., f.o.b. Bost., N. Y., lb. .19 - .20
dlvd., Chicago.....lb. .19½- .20½
Pacific Coast.....lb. .22 - .23
Varnish, Metro., area, orange, 5-lb. cut., bbls..gal. 1.05 - 1.10
4½-lb. cut, bbls.....gal. 1.00 - 1.05
4-lb. cut, bbls.....gal. .95 - 1.00
white, 5-lb. cut, bbls.....gal. 1.15 - 1.20
4½-lb. cut, bbls.....gal. 1.10 - 1.15
4-lb. cut, bbls.....lb. 1.05 - 1.10
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.ton.17.00 - —
l.c.l., 2½ tons, works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.19.00 - —
l.c.l., 2½ tons, works.ton.21.00 - —
smaller lots, works.ton.23.00 - —
400 mesh, bgs., c.l., works, ton.65.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
95-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
90%, 325 mesh bgs., c.l., works..ton.22.00 - —
bgs., l.c.l., 2½ tons, works, ton.23.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works.....ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver bullion.....oz. .84¾- —
Govt., purchase, dom., metal. oz. .71¼- —
Govt. purchase, foreign metal oz. .35 - —
cyanide, cns., 2,500 ozs.....oz. No prices
1,000 ozs.....oz. No prices
500 ozs.....oz. No prices
80 to 100 ozs.....oz. No prices
Nitrate, vis.....oz. .37 - —
Nucleinate, bots., cns., 480 oz., lots..oz. .30 - .31
Proteinate, bots., cns., 480 oz., lots..oz. .29 - .30
Simarubra bark, bls.....lb. .33 - .45
Skatol, bots.....lb.75.00 -80.00
Skullcap, Eastern, bls.....lb. .23 - .24
Western, bls.....lb. .14 - .15
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .12 - .14
Smalt, black, extra velvet, cnts., lb. .03 - .08
Blue, cts.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .23 - .27
crushed, bls., bbls.....lb. .27 - .31
cut, bls., bbls.....lb. .35 Nom.
powd., bbls.....lb. .32 - .33
Soda, acetate, anhyd., dms., dlvd. lb. .06½- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd..lb. .04½- .05
powd., 90%, dms., c.l., dlvd., lb. .06 - —
l.c.l., dlvd.....lb. .06¾- —
Alginate, dms., bbls., works, lb. .71 - .95
Antimoniate, bbls.....lb. .15 - .15½
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers, works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers, works..lb. .09 - .11
l.c.l., dms., works.....lb. .09½- .11½
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., Zone 1..100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works.....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.). special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Benzoate, tech., bbls., 4,000 lbs. or more..lb. .30 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs., or more..lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l. .....100 lbs. 1.90 - 1.95
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y...100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N Y..100 lbs. 2.76 - —
Bichromate, spot, c.l., works.lb. .06¾- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks, or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11¼- 12
Bisulphite, powd., bbls., c.l., bbls., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
66 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —

Soda, bisulphite, 85 degs. c.l., works..100 lbs. 1.40 - —
l.c.l., bbls., works..100 lbs. 1.65 - —
solut., 44 deg., bbls., works, 100 lbs. 1.55 - —
l.c.l., bbls., works..100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate, bbls., 5 lbs.....lb. 5.81 - —
jars, 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda monohydrated, soda sal)
Caustic, flake, 76%, powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.20 - —
l.c.l. same zone prices as ammonia process.
liquid, 47-49% buyers' tanks, works..100 lbs.1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works, 100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¾- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .06½
Chromate, spot, c.l., works..lb. .06¾- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .08¾- —
smaller quantities.....lb. .09¾- —
Citrate, USP, VIII, gran., bbls., 225-lb. lots..lb. .18½- —
cns., 50-lb. lots.....lb. .20½- —
25-lb. lots.....lb. .22½- .23½
kgs., 100-lb. lots.....lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lb. lots.....lb. .25½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
import, 90%, cs.....lb. No price
Cyanide, gold, 46% gold, bots., works..oz.15.85 -17.10
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., frt. alld..lb. .07 - —
l.c.l., 10 or over, same basis..lb. .07½- —
1-9, same basis.....lb. .08 - —
95%, bbls., c.l., same basis, lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
1-9, same basis.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glycerophosphate, N.F., cryst., bbls., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.30 - —
powd., bbls., 1,000-lb. lots..lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.35 - —
Hydrosulphite, dms.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100-lb. lots..lb. .20½- .22
Hypophosphite, N.F., cns., 100-lb. lots..lb. .67 - —
Hyposulphite, cryst., large, bgs., c.l, wks., frt. equal'd.100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks., frt. equal'd..100 lbs. 2.50 - —
bbls., same basis....100 lbs. 2.70 - —
pea bags, c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., wks..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., works..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
pea, 500 to 2,500 lbs., bgs., works..100 lbs. 3.10 - 3.25
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks. 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.30 - —
bots.....lb. 2.41 - 2.47
Mandelate, bots., 5 lbs.....lb. 3.80 - —
fib. dms., 100-lb. lots.....lb. 3.05 - —
smaller lots.....lb. 3.15 - 3.20
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, gran., bbls., c.l., works..lb. 2.20 - —
10 bbls. and over, dlvd., N. Y. lbs. 2.90 - —
1-9 bbls., dlvd., N. Y.....lb. 3.15 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., dlvd., f.o.b. cars producing point or ports, rail or boat shipment..ton.29.00 - —
200-lb. bgs., same basis.ton.28.30 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 10 tons, 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
pwd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., wks., frt. equalized..lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .08¼- .11¼
Soda nitrite l.c.l. price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .10 - .11
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Pentachlorphenate, liquids, single, bgs., works..lb. .26 - —
70 lbs., bgs., works.....lb. .19½- —
490 lbs., bgs., works.....lb. .17½- —
Soda, pentachlorphenate, powd., 100 lbs., bgs., works.....lb. .19 - —
500 lbs., bgs., works.....lb. .17 - —
Phosphate, dibasic, anhyd., bgs., bgs., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 6.10 - —
bbls., c.l., works...100 lbs. 5.35 - —
l.c.l., works.....100 lbs. 6.30 - —
cryst., tech., bgs., c.l., works..100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.50 - —
bbls., c.l., works...100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.70 - —
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works...100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works...lb. 2.25 - —
l.c.l., works.....100 lbs. 2.65 - —
bbls., c.l., works...100 lbs. 2.45 - —
l.c.l., works.....100 lbs. 2.85 - —
kgs., c.l., works...100 lbs. 2.95 - —
l.c.l., works.....100 lbs. 3.35 - —
USP (dibasic), bbls., works, lb. .09 - .11
dried, bbls., dms., works..lb. .11½- .14
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs.,or more...lb. .10½- —
contracts .....lb. .09 - —
smaller lots.....lb. .10¾- —
contracts .....lb. .09¼- —
Pyrophosphate, anhy., bgs., c.l., wks., frt. equal'd..100 lbs. 5.10 - —
l.c.l., same basis..100 lbs. 5.35 - 5.60
bbls., c.l., wks., frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis..100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y....100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd., N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 2.80 - —
10 bbls. or over, dlvd., N. Y. C..lb. 3.80 - —
1-9 bbls. .....lb. 4.05 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1 to 4, works....100 lbs. 1.20 - —
52°, dms., c.l., works, 100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Sesquicarbonate, bgs., c.l. works..100 lbs. 1.50 - —
bbls., c.l. works.....100 lbs. 1.70 - —
bbls., l.c.l. Zone 1.....100 lbs. 2.70 - —
2 .....100 lbs. 2.85 - —
3 .....100 lbs. 3.10 - —
4 .....100 lbs. 3.50 - —
Sesquicarbonate l.c.l. prices are on same basis as those for soda ash and Caustic soda. The sales are also the same.
Silicofluoride, dom., bbls.....lb. No prices.
import, bbls.....lb. .05½- .06
Stannate, dms.....lb. No prices
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
powd., cns., 100-oz. kcts...oz. .50 - —
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works, 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
t-d .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent, high-flash, dms., works, frt., equaid..gal. .31 - —
tanks, same basis.....gal. .26 - —
Naphtha, solvent, dms., works, gal. .32 - —
tanks, E. of Omaha, frt., alld., gal. .27 - —
W. Coast, f.o.b., Minnequa, Colo..gal. .27 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .15½- —
l.c.l. .....lb. .16 - —
Soybean protein, bgs., c.l., works, lb. .14¼- —
l.c.l., works.....lb. .14½- —
Sparteine sulphate, cns.....oz. 1.50 - 1.60
Spearmint leaves, bls.....lb. .20 - .22
Spikenard root, bls.....lb. .26 - .27
Spruce extract, reg., bbls., c.l., works..lb. .01¾- —
tanks, works .....lb. .01½- —
powd., super, bgs., c.l., works, lb. .04 - —
super, bbls., c.l., works.....lb. .01¾- —
tanks, works .....lb. .01½- —
Squawvine leaves, bls.....lb. .14 - .15
Squill, red, bls.....lb. .20 - .21
white, bls.....lb. .10 - .11
powd., bbls., bxs.....lb. .15 - .16
St. Ignatius beans, hrs .....lb. .49 - .51
St. John's Bread, edible, bls., lb. .12 - .18
inedible, bls.....lb. .08½- .09
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.50 - —
dlvd., N. Y.....100 lbs. 2.85 - —
powd., bgs., f.o.b. Chicago, 100 lbs. 2.60 - —
dlvd., N. Y.....100 lbs. 2.95 - —
Potato, dom., bgs.....lb. .06 - .06¾
import, bgs.....lb. .06½ Nom.
Rice, bbls.....lb. .07¼ Nom.
Wheat, thick, boil, bgs.....lb. .05¼ Nom.
Starch, iodide, bots.....lb. 1.87 - —
Staveacre seed, bgs.....lb. .25 - .30
Stearin, oleo, bbls.....lb. .06¾- .07
Stillingia root, bls.....lb. .07½- .08
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. .65 - .70
Stramonium leaves, bls.....lb .17 - .18
Seed, bgs.....lb. .20 - .21
Strontium bromide, fib, dms...lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
tech., 99-100 pc., precip., bbls., lb. .24 Nom.
Chloride, bbls.....lb. .19 Nom.
Iodide, bots., 5 lbs.....lb. 3.00 - —
jars, 25 lbs .....lb. 3.06 - —
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Strophanthus seed, Kombe, bgs.lb. 3.40 - 3.50
Styralyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .60 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .79 - —
Arsenate, 25-oz., cns., 100-oz. lots..oz. .62 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .79 - —
Glycerophosphate, 25 - oz. cns., 100-oz. lots..oz. .80 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .79 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .91 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .75 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots, oz. .40 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works....4b. .40 - —
Sugar coloring, bbls.....gal. .65 - 1.05
Milk, bbls., c.l.....lb. .16 - —
l.c.l., 10 or over.....lb. .17 - —
less than 10.....lb. .18 - —
Sulfanilamide, 5 lbs., bots.....lb. 1.65 - —
fib., dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs.....lb. 1.30 - —
Sulfapyridine, powd., for hospitals, 5-grain bots..bot. 1.25 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, f.o.b. cars, mines, contracts..long ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —
ex vessels, Atlantic seaboard, contract..long ton.20.50 - —
Puget Sound, Columbia River, and British Columbia ports, bulk, contract..long ton.22.00 - —
flowers, bgs., c.l., works..... 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.35 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works, 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works, 100 lbs. 1.60 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 1.98
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works.....100 lbs. 3.20 - —
Sulphur, refined, extra fine, l.c.l., bgs., works..100 lbs. 3.20 - 3.60
bbls., works.....100 lbs. 3.55 - 3.95
heavy, bgs., c.l., works.100 lbs. 2.55 - —
bbls., works.....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works.....100 lbs. 3.25 - 3.65
light, bgs., c.l., works.100 lbs. 2.03 - —
bbls., works.....100 lbs. 3.00 - —
l.c.l., bgs., works....100 lbs. 3.00 - 3.40
bbls., works.....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls works..100 lbs. 2.50 - 2.90
roll, bgs., c.l.....100 lbs. 2.35 - —
bbls., works.....100 lbs. 3.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works.....100 lbs. 2.85 - 3.25
rubber maker's, com'l, 99½%, c.l., frt. alld..100 lbs. 2.00 - —
bbls., same basis, c.l..... 100 lbs. 2.35 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.35 - —
bbls., same basis.100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l...lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works, lb. .07 - .09
multi-unit, cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .06
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - 4.05
Precipitated, USP, bbls.....lb. .17 - .22
Sumac, grd., Sicilian, f.a.s..ton.82.00 - —
leaf, bls., f.a.s.....ton.85.00 - —
Extract, 42°, bbls.....lb. .06 - —
51°, bbls.....lb. .07 - —
stainless, bbls.....lb. .07½- .09½
Berries, bgs.....lb. .14 - .15
Sunflower seed, Calif., large, bgs., lb. .06½- .07
medium, bgs.....lb. .06 - .06½
poultry, bgs.....lb. .0460- .0490
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 9.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 8.50 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

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Talc., dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N. Y., fibrous, 96-97%, 325 mesh, bgs., c.l., mills..ton.14.00 -16.00
l.c.l., mills.....ton.16.00 -18.00
96-98%, 325 c.l., mills...ton.15.00 17.00
l.c.l., mills.....ton.17.00 -19.00
96-98½%, 325 mesh, bgs., c.l., mills..ton.15.25 -17.26
l.c.l., mills.....ton.17.25 -19.25
fibrous, 90.85-99.95%, 325 mesh, bgs., c.l., mills..ton.17.00 -19.00
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, flake type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50
Vermont, bgs., c.l., mills, ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills....ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -35.00
Italian, 1, bgs., ex dock, arrival. ton.67.00 -70.00
ex whse .....ton.75.00 -78.00
2, bgs., ex dock, arrival.ton.64.00 -67.00
Tallow, animal, edible.....lb. .06¼ Nom.
extra, loose.....lb. .05½- —
special, loose.....lb. .05⅝- —
vegetable, ship, cs.....lb. .06 Nom.
sulphonated, 85% (24% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
50% (43% fat), dms., c.l., lb. No prices
l.c.l. .....lb. No prices
50% (43% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices

Soda, Bisulph.—Trichlor.

Tamarind, W. I., bbls.....lb. .12 - .13
kegs .....keg. 8.50 - 9.00
Tankage, animal, dom., grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 3.25 & .10
unground feeding, 9-11% ammon., 16-20% b.p.l., bulk..unit-ton. 3.75 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 3.50 & .10
high-grade feeding, bulk, Chicago..unit-ton. 4.00 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, Dec. shipt., unit-ton. 3.80 & .10
Tansy leaves, bls.....lb. .22 - .23
Tapioca flour, bgs.....lb. .03 - .05
Tar acid oil, 15%, dms., c.l., works..gal. .21 - —
l.c.l., same basis.....gal. .23 - —
25%, dms., c.l., works....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .27 - —
ports .....gal. .26 - —
l.c.l. .....gal. .27 - —
tanks, dlvd. E. cities...gal. .21 - —
Tarragon herb, bgs.....lb. .60 - .65
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .34¾ Nom.
less than 5.....lb. .35 Nom.
powd., bbls., 5 or more..lb. .34¾ Nom.
less than 5.....lb. .35 Nom.
USP, powd., bbls.....lb. .40 Nom.
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .82 - .85
Terpin hydrate, kgs.....lb. .60 - .65
Terpineol, CP, cns.....lb. .28 - —
dms. .....lb. .25 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks..lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech. (see Perchloroethylene).
Tetralin, dms.....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., works..lb. 5.00 - 7.00
Theobromine, cns.....lb. 2.10 Nom.
Sodiosalicylate, cns.....lb. 1.85 - —
dms. .....lb. 1.70 - —
5-lb. bots.....lb. 2.01 - —
Thiocarbanilide, dms.....lb. .24 - —
Thorium, nitrate, cs., works..lb. 2.00 - —
Thyme, French, bls.....lb. .20 - .22
Thymol, dms., 100 lbs.....lb. 1.50 - —
cns., 25 lbs.....lb. 1.55 - 1.60
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.35 - 3.40
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .24
5% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd.....lb. .47 - —
Crystals, bbls., kgs.....lb. .38½- —
Metals, Straits.....lb. .50¼- —
Oxide, bbls.....lb. .52 - —
Tetrachloride, anhyd., bbls...lb. .25½- —
Titanium, dioxide, bgs., c.l. (20 tons), frt. pd..lb. .13 - —
l.c.l., 5 tons, E. frt. pd. lb. .13¼- —
Pac. Ct., ex whse..lb. .13¼- —
1,000-9,999 lbs., E. frt. pd. lb. .13¾- —
Pac. Ct., ex whse....lb. .13¾- —
50-999 lbs., E. frt. pd....lb. .14 - —
Pac. Ct., ex whse....lb. .14 - —
chalk-resistant, bgs., c.l. (20 tons), frt. pd..lb. .16 - —
l.c.l., 5 tons, frt. pd....lb. .16¼- —
1,000-9,999 lbs., frt. pd.lb. .16½- —
50-999 lbs., frt. pd....lb. .16¾- —
Under 50 lbs., frt. pd..lb. .19 - —
bbls., c.l. (20 tons), frt. pd. lb. .16¼- —
l.c.l., 5 tons, E. frt. pd...lb. .16½- —
Pac. Ct., ex whse..lb. .16½- —
1,000-9,9999 lbs., E. frt. pd. lb. .16¾- —
Pac. Ct., ex whse..lb. .16¾- —
50-999 lbs., E. frt. pd.. lb. .17 - —
Pac. Ct., ex whse..lb. .17 - —
barium, calcium, or magnesium base, c.l., D. frt. alld., lb. .05¼- —
l.c.l., dlvd.....lb. .05½- —
Pac. Ct., ex whse..lb. .05¼- —
under 50 lbs., E. dlvd.lb. .06¼- —
bbls., c.l., D. frt. alld..lb. .05¼- —
l.c.l., E. dlvd.....lb. .06¾- —
Pac. Ct., ex whse....lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06½- —
Tolidin base, distilled, kgs....lb. .86 - —
Tolu, balsam, cns.....lb. .50 - .52
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), 2° indus., dms., returnable..gal. .30 - —
tanks, E. of Omaha, frt. alld. gal. .25 - —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .25 - —
1° nitration, dms., returnable, gal. .31½- —
tanks, E. of Omaha, frt. alld. gal. .26½- —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .26½- —
Export .....gal. .30 - —
Tonga vine, F, bls.....lb. .55 - .60
root, bls.....lb. .57 - .62
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Brazilian, Surinam, cs.....lb. 1.00 - 1.10
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works .....lb. .78 - .80
tanks .....lb. .76 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .68 - .70
tanks .....lb. .65 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .85 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works .....lb. .46 - .48
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1..lb. .06 - —
l.c.l., same basis.....lb. .06¼- —
Zone 2, dms., c.l., works, frt. alld..lb. .06¼- —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09¼- —

CHECK LIST OF MONSANTO PLASTICIZERS AND RESINS

The large variety of plasticizers and resins produced by Monsanto serve the many manufacturing requirements of industry. May we suggest that you check this list to determine whatever material you may need? MONSANTO CHEMICAL COMPANY, St. Louis, U. S. A. District Offices: New York, Chicago, Boston, Detroit, Charlotte, Birmingham, Los Angeles, San Francisco, Montreal, London.

PLASTICIZERS	COMPOSITION	APPEARANCE	CRYSTALLIZING** or MELTING* POINT	SPECIAL CHARACTERISTICS
Tricresyl Phosphate	———	Clear, colorless liquid	Non-crystalline, solid at — 35° C.	High retentivity; imparts excellent flexibility; less decrease in tensile strength; low compatibility with cellulose acetate.
Triphenyl Phosphate	———	White flakes	48.5° C.*	Retards fire; imparts good flexibility; gives clear, tough composition without tendency toward tackiness.
Santicizer 8	Mixture of ortho and paratoluene ethyl sulfonamides	Light amber liquid	18° C. (approx).**	Excellent plasticizer for cellulose acetate, giving brilliance and polish; valuable plasticizer for coating designed to withstand petroleum products; increases flexibility of shellac.
Santicizer 9	Mixture of ortho and paratoluene sulfonamides	Fine granular particles	105° C.*	Imparts gloss; gives smooth working and uniform curing of molded products; blends readily with most synthetic resins, does not impart softening action of liquid plasticizers.
Santicizer 10	Ortho-cresyl paratoluene sulfonate	White crystals	51° C.**	With cellulose esters, imparts gloss, hardness and moisture resistance.
Santicizer 1-H	Cyclohexyl paratoluene sulfonamide	Fine white crystals	86° C.*	Resistant to hydrolysis; imparts moisture resistance to nitrocellulose and cellulose acetate compositions; gives flexibility to shellac, alkyl resins, vinyl resins and some rubber derivatives.
Santicizer B-16	Butyl phthalyl butyl glycollate	Colorless liquid	Below — 35° C.**	With nitrocellulose, gives clear, brilliant films that are flexible, tough, moisture resistant and have good weathering qualities, solvent for and imparts plasticity to many synthetic resins.
Santicizer E-15	Ethyl phthalyl ethyl glycollate	Colorless liquid	20° C.**	With both acetyl and nitrocellulose, it gives clear, tough flexible films that have much increased resistance to moisture penetration.
Santicizer M-17	Methyl phthalyl ethyl glycollate	Colorless liquid	Below — 35° C.**	Imparts high degree of plasticity, even when thin films are exposed to air currents for long time; used with resins to produce naphtha resistant coatings.
Dibutyl Phthalate	———	Clear, water-white oily liquid	— 35° C.**	Compatible with most lacquer resins; excellent light stability; high degree of plasticity; retentivity in cellulose acetate less than 20%.
Diethyl Phthalate	———	Clear, water-white oily liquid	— 0.3° C.**	Generally used in mixture with Dimethyl Phthalate as a plasticizer for cellulose acetate.
Dimethyl Phthalate	———	Clear, water-white oily liquid	0° C.**	Restricted almost entirely to cellulose acetate field.
Diphenyl Phthalate	———	White solid	69° C.**	Compatible with nitrocellulose and with the sulfonamide, phenolic, polystyrol and vinyl types of resins; gives increased water resistance to all compositions in which it is used.
RESINS				
Santolite MS	Condensation of formaldehyde with aromatic sulfonamides	Viscous pale yellow liquid	———	Compatible, both with nitrocellulose and acetyl cellulose; excellent for water white lacquers; high gloss and lack of color unusual in resin field.
Santolite MHP	Condensation of formaldehyde with aromatic sulfonamides	Clear, hard, nearly colorless, resinous lumps	65° C.*	Well adapted to specialty lacquers, fabric coatings, molding compositions, etc.; can easily be worked into any formula using a cellulose ester; high degree of solubility; extreme compatability.
Santolite K	Formaldehyde-sulfonamide condensation combined with alkyd resin	Soft sticky resin	———	Compatible with nitrocellulose and cellulose acetate but not with ethyl cellulose; special value for increasing resistance to moisture penetration of cellulose ester composition.

MONSANTO CHEMICALS

SERVING INDUSTRY . . . WHICH SERVES MANKIND

Trichlorethylene, Zone 4, dms., c.l., f.o.b. stock points...lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on trichlorethylene are ft. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1, includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Wis., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2, includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3, includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4, includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
500 lbs., dlvd.....lb. .37½- —
tech., dms., c.l.....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethylamine, dms., l.c.l., works, lb.. 1.05 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd. .....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double grd., bgs., c.l., works, ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., works..lb. No prices
Oxide, CP, kgs.....lb. No prices
Chem. grade, kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. .09½ Nom
Madras, bgs.....lb. .11 Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .32½- —
l.c.l., 10 ex dock.....gal. .34½- —
5 ex dock.....gal. .36½- —
wood dest., dist., dms., dlvd. E. cities, ports..gal. .26 - .28
tanks, dlvd. E. cities.....gal. .21 - —
steam-dist., dms., c.l., dlvd.gal. .29 - —
l.c.l., dlvd.....gal. .32 - —
tanks, dlvd.....gal. .24 - —

U

Unicorn root, false (see Helonias root)
True (see Aletris root).
Uranium oxide, black, kgs....lb. 2.65 - —
yellow, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt..ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse..ton.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor, nitrogen basis, tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports, ton.121.58 - —
Urea nitrogen, dom., 42% N_2, bulk, Dec. shipt., f.o.b. Belle, W. Va..ton.56.90 - —
imported, 40% N_2, bgs., Dec. shipt..ton.55.75 - —
30% N_2, bgs., Dec. shipt, ton.42.50 - —
Uva ursi leaves, bls.....lb. .11 - .12

V

Valerian root, bls.....lb. .27 - .28
Valonia, beards, bgs., f.a.s..ton.54.00 Nom.
Cups, bgs., shipt., f.a.s...ton. 33.00 -37.00
extract, powdered, 63%.....ton. .0565 Nom.
Vanilla beans, Bourbon, tins..lb. 6.50 - 7.00
Mexican, tins.....lb. 6.50 - 7.50
cuts, tins.....lb. 6.00 - 6.25
South American, tins.....lb. No prices.
oleoresin, bots.....lb.18.00 -19.00
Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex guaiacol, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
ex lignin, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.56 - —
1-lb. tins.....lb. 2.65 - —
Venice turpentine, true, cs....lb. .70 - .75
Verdigris, bbls., kgs.....lb. .29 - .32
Vinyl acetate, cns., works....lb. .26 - —
dms., c.l., 50,000 lbs., gross works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5 gals., dms., works.....lb. .26 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls.....lb. .45 - .46
tree .....lb. .19 - .22
Wattle bark, bgs., f.a.s.....ton.36.50 -39.00
Extract, solid, bgs.....lb. .04½- —
Wax, bayberry, import, bgs...lb. .35 - .40
Bees, white, bleach, slabs, cs., 5 case lots..lb. .38 - —
1 cs., lots.....lb. .38½- —
cakes, 5 cs., lots.....lb. .39 - —
1 cs., lots.....lb. .39½- —
discs, 5 cs., lots.....lb. .40 - —
1 cs., lots.....lb. .40½- —
yellow, crude, Africa, 10-bg. lots—lb. .29 - .29½
1 bg.....lb. .29½- .30
Brazil, bgs., 5-10-ton lots, lb. .32 - .33
1 ton.....lb. .32½- .33½
500 lbs.....lb. .33 - .34
100 lbs.....lb. .33½- .34½
refd., slabs, cs., lbs.....lb. .31 - .36
Candelilla, bgs., 1 ton.....lb. .18 - .19
jobbing lots.....lb. .18½- .19½
Carnauba, No. 3 chalky, bgs., bgs., 1 ton..lb. .43 Nom.
5 bgs.....lb. .43½ Nom.
1 bg.....lb. .44 Nom.
Wax, carnauba, N. C., 2, bgs..lb. No prices
N. C., 3, bgs., 1 ton.....lb. .44 Nom.
5 bgs.....lb. .44½ Nom.
1 bg.....lb. .45 Nom.
refined, bgs.....lb. .50 - .52
yellow, No. 1 bgs., 1 ton..lb. No prices
5 bgs.....lb. No prices
1 bg.....lb. .85 - .86
No. 2, bgs.....lb. No prices
Ceresin, dom., 138°-140°, m.p., bgs., 1 ton..lb. .11½- .12
jobbing lots.....lb. .12½- .13
150°-160° m.p., bgs., 1 ton..lb. .13½- .14
jobbing lots.....lb. .14½- .15
160° m.p., bgs., 1-ton.....lb. .13½- .14
jobbing lots.....lb. .14½- .15
Japan, cs.....lb. .17½- .18
Montan, bgs., c.l.....lb. No prices
5 tons.....lb. No prices
less than 1 ton.....lb. No prices
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. No prices
70°-72° C., bgs.....lb. No prices
74°-76° C., bgs.....lb. No prices
snow-white, pure 76°-78° C., bgs..lb. No prices
yellow, natural, 76°-78° C., bgs..lb. No prices
Wax, paraffin (see P.).
Spermaceti, blocks, cs.....lb. .24 - .25
cakes, cs.....lb. .25 - .26
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .07 - .08
White precipitate, powd., 5-lb. bots..lb. 2.47 - —
dms., 50 lbs. or more.....lb. 2.34 - —
Whiting, chalk, com'l., dry-grd., bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works....ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., bip., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris, white, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.00 -21.50
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., ton. 9.65 - —
200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
90%, 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra bgs. (extra), c.l., works, ton.12.50 - —
extra, bgs., l.c.l., 8-20 tons, works..ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 ton, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .07 - .08
rossed, bls.....lb. .05 - .06
thin, natural, bls.....lb. .09 - .10
rossed, green, bls.....lb. .07 - .08
Wild Indigo root, bgs.....lb. .13 - .14
Witch-hazel extract, dist., NF bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .09
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works, ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton. No prices.
80 mesh, bgs., ex dock....ton. No prices.
100 mesh, bgs., ex dock...ton. No prices.
120 mesh, bgs., ex dock...ton. No prices.
Wormseed, American, bgs.....lb. .09 - .10
Levant, bgs.....lb. 5.00 - 6.00
Wormwood, bls.....lb. .18 - .20

X

Xylol (xylene), indus., dms., returnable, works..gal. .32 - —
tanks, E. of Omaha, frt. alld., gal. .27 - —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .27 - —
10°, dms., returnable, works, gal. .35 - —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .30 - —
tanks W. Coast, f.o.b. Minnequa, Colo..gal. .30 - —
5°, dms., returnable, works..gal. .42 - —
tanks, E. of Omaha, frt. alld..gal. .40 - —
3°, dms., returnable, works..gal. .47 - —
tanks, E. of Omaha, frt. alld..gal. .45 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.55
Yellow, cadmium, CP, import., bxs..lb. 1.35 - 1.70
lithopone, all shades, bbls., 1 ton, works, frt. alld..lb. .50 - —
smaller lots, same basis..lb. .55 - —
lithopone ,all shades, kgs., ton lots, same basis..lb. .55 - —
smaller lots, same basis, lb. .60 - —
Sulphide, orange, bbls., works, lb. .75 - —
Yellow, chrome, CP, bbls., dlvd., N. of Tenn. and N. C. E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .13½- —
open order.....lb. .14½- —

Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast, for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
primrose shade, bbls., same basis, chrome..lb. 1.75 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
yellow, G, bbls., works...lb. .01½- —
H, bbls., works.....lb. .01¾- —
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import, lb. .02475 Nom.
New York (f.o.b.)..lb. .02⅝ Nom.
Philadelphia for import..lb. .02¾-Nom.
ex dock, San Pedro, San Francisco..lb. .0290 Nom.
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575 Nom.
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575 Nom.
New York.....lb. .02¾ Nom.
ex dock, Phila., for import..lb. .02¾ Nom.
Portland, Seattle...lb. .03½ Nom.
San Pedro, S. Francisco..lb. .03 Nom.
ex whse., Balto., Boston, N. Orleans..lb. .02725 Nom.
Chicago, E. St. Louis, Indianapolis, Kan. City, Milwaukee, St. Louis .....lb. .03⅝ Nom.
New York.....lb. .03 Nom.
l.c.l., ex whse., Pittsburgh, lb. .03¼ Nom.
Portland, Seattle.....lb. .03⅝ Nom.
San Pedro, S. Francisco..lb. .03¼ Nom.
f.o.b. N. Y., from dock, lb. .02⅞ Nom.
from whse.....lb. .03⅛ Nom.
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
Persian orange (see O.).
Zinc, bbls., same basis, chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, dom., bls....lb. .17 - .18
Yellow root (xanthoriza), bls..lb. .11 - .12
Yerba santa leaves, bls.....lb. .09 - .10
Yohimbine hydrochloride, via..oz. 4.00 - 4.25

Z

Zein, bgs., 1,000 lbs. or more, works..lb. .20 - —
less than 1,000 lbs., works..lb. .25 - —
Zinc acetate, tech., bbls., works, lb. .15 - .16
USP, bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenite, bgs., c.l., dealers, E. of Rockies..lb. .12 - —
l.c.l., bags .....lb. .12½- —
Zinc arsenite prices are on a frt. alld. basis to dest. in lots of 96 lbs. or over.
Carbonate, tech., bbls.....lb. .14 - .16
USP, precip., powd., bbls...lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
USP, 200-lb. dms.....lb. .25 - —
25-lb. jars.....lb. .31 - —
solution, 50%, dms., c.l. works..lb. .0290- —
l.c.l., works.....lb. .04 - .04½
tanks, works.....lb. .0225- —
Cyanide, kgs., works.....lb. .33 - —
Dust, bbls., c.l., dlvd.....lb. .08 - —
l.c.l., bbls., dlvd.....lb. .08½- —
Iodide, N.F., bots.....lb. 4.35 - —
jars .....lb. 4.20 - —
Fluoride, bbls.....lb. .20 - .25
Metal (see daily quotations in Market report).
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd..lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
bgs., l.c.l., ex whse., Pac. cst.....lb. .06½- .07¾
bbls., c.l., dlvd....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08
leaded, 5%, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse.,Pac. cst.lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse.,Pac. cst.lb. .06¾- —
35%, bgs., c.l., dlvd., lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst. lb. .06¼- —
bbls., c.l., dlvd..lb. .06¼- —
bbls., l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex whse., Pac. cst. lb. .06½- —
50%, bgs., c.l., dlvd., except Pac. cst..lb. .0606- —
dlvd., Pac. cst..lb. .0612- —
l.c.l., dlvd., except Pac. cst..lb. .0631- —
bgs., ex whse., Pac. cst..lb. .0637- —
bbls., c.l., dlvd....lb. .0637- —
l.c.l., ex whse., Pac. Cst. lb. .0662- —

Zinc, oxide, French process, com'l, lead free, bgs., c.l., dlvd..lb. .06¾- .07¼
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst..lb. .06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst.lb. .06¾- .08
green seal, bgs., c.l., dlvd. lb. .08 - —
l.c.l., dlvd., except Pac. cst..lb. .08¼- —
ex whse., Pac. cst.lb. .08¼- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd., except Pac. cst..lb. .08½- —
ex whse., Pac. cst.lb. .08½- —
red seal, bgs., c.l., dlvd..lb. .07½- —
l.c.l., dlvd., except Pac. cst..lb. .07¾- —
ex whse., Pac. cst..lb. .07¾- —
bbls., c.l., dlvd.....lb. .07¾- —
bbls., l.c.l., dlvd., except Pac. cst..lb. .08 - —
ex whse., Pac. cst..lb. .08 - —
white seal, bgs., c.l., dlvd. lb. .08½- —
l.c.l., dlvd., except Pac. cst..lb. .08¾- —
ex whse., Pac. cst..lb. .08¾- —
French process, white seal, l.c.l., ex whse., bbls., c.l..lb. .08¾- —
l.c.l., dlvd., except Pac. cst..lb. .09 - —
ex whse., Pac. cst..lb. .09 - —
imported, gold seal, cks., ex whse..lb. .13 - .14
green seal, bbls., ex whse., lb. .10 - —
white seal, cks., ex whse., lb. .11 - .12½
USP, bbls., c.l.....lb. .09½- —
Palmitate, bbls.....lb. .24½- .26½
Resinate, fused, pale, bbls..lb. .10 - —
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c l..lb. .21½- —
l.c.l., 1 ton.....lb. .22½- —
1,000-2,000 lbs.....lb. .23½- —
less than 1,000 lbs...lb. .24½- —
U.S.P., bbls.....lb. .22½- .24½
Sulphate, cryst., bgs., c.l..... 100 lbs. 2.75 - —
l.c.l. .....100 lbs. 3.50 - —
bbls., c.l.....100 lbs. 2.90 - —
l.c.l. .....100 lbs. 3.65 - —
flake, bgs., c.l.....100 lbs. 3.10 - —
l.c.l. .....100 lbs. 3.85 - —
bbls., c.l.....100 lbs. 3.25 - —
l.c.l. .....100 lbs. 4.00 - —
powd., bgs., c.l.....100 lbs. 4.35 - —
l.c.l. .....100 lbs. 5.10 - —
bbls., c.l.....100 lbs. 4.50 - —
l.c.l. .....100 lbs. 5.25 - —
Sulphide, bgs., c.l., (20 tons), dlvd..lb. .07½- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .07¾- —
bbls., c.l., 20 bbls., c.l., (20 tons), dlvd.....lb. .07¾- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .08 - —
barium, calcium or magnesium pigments, bgs., c.l., (20 tons) dlvd..lb. .05¼- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .05½- —
Zinc, sulphide, calcium or magnesium, pigments, bbls., c.l., (20 tons), dlvd..lb. .05½- —
l.c.l., dlvd., E. or ex whse., Pac. cst..lb. .05¾- —
Sulphocarbolate, NF, bbls....lb. .24 - .26
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb .05 - —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex whse., Pac. cst...lb. .05½- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.75.00 -100.00
white, 99%, rgd., kgs., works, lb. 1.80 - 2.00

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the December 4 issue; the next printing will be in the January 1 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials market, which begins on page 39.

Shellac Ass'n Seeks To Prevent Speculation

The directors of the American Bleached Shellac Manufacturers' Association have sent a cable to two provincial governments in India asking for cooperation in protecting the consumer against undue speculation in shellac in the Indian market. The action was an attempt to forestall any shellac price rise such as resulted from the last World War. The healthy increase in consumption which the low prices of recent years have helped stimulate, should be given every encouragement, in the opinion of the association.

Standard Oil Company of New Jersey last week introduced a new brand of motor fuel named "Esso," to replace Essolene.

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison

Published every Monday by Oil, Paint and Drug Publishing Company, Inc. Harry J. Schnell, President and Treasurer; Frank V. Baldwin, Vice-President; Daniel G. Bogert, Secretary. Address 59 John Street, New York, New York, U. S. A. Telephone REctor 2-9820. Cable Address Reporter New York.

Incorporating the Drug, Paint and Oil Trade, the New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers' Journal, the Oil and Paint Review and International Petroleum Reporter.

Subscription rates including postage in the United States, possessions and territories, one year, $5.00; two years, $8.00; Canada and Newfoundland, one year, $7.00; two years, $12.00; other foreign countries, one year, $10.00; two years, $18.00.

Member—Audit Bureau of Circulations.

Entered at the Post Office of New York as second class matter January 15, 1884, under the act of March 3, 1879.

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Oil, Paint and Drug Publishing Company, Inc.

Vol. 136 December 18, 1939 Number 25

A flat tax of 1.5 percent on the gross incomes of individuals has been levied by the city council of Philadelphia and will go into effect January 1. It will apply to all incomes from wages and salaries, from unincorporated businesses, and from professional practice, and will be levied on all residents wherever employed and on nonresidents deriving their incomes from activities in the city.

New Tax Is Tried

No exemptions are allowed under the Philadelphia tax for source of income, although the inclusion of other than earned income is not clear, and no deductions may be made—the Pennsylvania constitution requires that such taxes shall be uniform with respect to all taxpayers. This obviously makes the tax disregardful of ability to pay and imposes an inequitable burden on the low-income groups.

The tax has not been graciously received by organized labor, and some unions are already demanding that wage scales be increased to cover the tax. In other quarters there is talk of strikes in protest against the tax, although it is difficult to find any logic in sacrificing 100 percent of income because of objection to paying 1.5 percent as a tax; but logic is not always characteristic of the ways of organized labor—nor of any other group.

A general gross income tax is, as supporters of the Philadelphia impost say, a fair and equitable form of taxation. But, this is true only if it is graduated in accordance with ability to pay: the Philadelphia tax is far too heavy in the lower brackets. To be fair a gross income tax also must be a single tax; this is not true of the Philadelphia tax which is piled upon other taxes already heavy and has been imposed to meet expenditures that are in large part indefensible on any principle of democracy.

Unreasonable taxation played a large part in bringing about the formation of the United States of America. The taxes of those days were a mere bagatelle in comparison with the equally unreasonable taxes of today. It is time that the people assembled in national convention, exercised their right to petition Congress, and secured the adoption of an equitable, coordinated system of taxation.

Considering the instability of world affairs and the uncertainty of their tomorrow, it is not strange that those who essay to predict the business future in this country are sharply divided on whether next year will be better or worse than this one. All are agreed that business is now enjoying a period of profitable prosperity. The differences of opinion exist with respect to the reasons for this and how long their influence can be maintained.

Will 1940 Be Better

The biggest question is whether production has run ahead of consumption. It is not a question of supply and demand in primary markets; for these relations are fairly well in balance even though they vary from an obvious excess on one side in respect of certain materials to an equal excess on the other in respect of materials equally important in their field The question arises from inability to know whether the increased buying of materials is reflected in commensurate utilization of them in the production of consumer goods, and whether these goods are being sold in commensurate volume, not only to wholesaler and to retailer but to the consuming public.

And so it is that one prophet foresees 1940 running at least 10 percent ahead of 1939 in all the activities of business; while another is equally certain that there will be a let-down of uncertain duration soon after the first of the year because production in all divisions is running substantially ahead of consumption. Both may be right. Next year as a whole may finish well ahead of this year even though it does get off to a slow start. The answer depends on what knowledge there is of the state of business as a whole—from the first activity in the production of raw materials to the final sale of the finished product to the ultimate consumer—and on what use is made of that knowledge.

It is the intention of the Department of Commerce to provide information on sales and inventories of manufacturers, wholesalers, and retailers. This will be useful knowledge, and it may be adequate. To make the proper use of it will require planning; and, human proclivities being what they are in respect of "looking out for No. 1," individual planning—the only kind that the law allows—cannot be expected to provide assurance of the general welfare. Next year may be expected to be a good year for those who keep their eyes on the course and ride hard.

—O-P-D—

Any plan to develop a larger United States export trade with Latin America must be solidly realistic. Even in these days when there is little opportunity for other countries to maintain their positions as suppliers of the perennial needs of Latin America to import, there is no El Dorado in the latter regions for profitable easy exploitation. The wealth of the Incas is a thing of the far distant past.

Latin America No El Dorado

Latin America offers good markets for United States manufactures—if a means can be found to cultivate these as they were cultivated by the European countries and others which have found them profitable. Their cultivation is something that United States business has to learn. Not that it has had no export trade with Latin America, but because the volume of that trade was at a maximum under the conditions which attended it, and increasing the volume offers wholly new problems.

Financial credit will not solve these problems, however generous it may be—and only some bankers, who can afford to be generous with other people's money, are so lacking in hindsight and ordinary astuteness as to profess to believe that Latin America can be won by loans. Lending money to invite buying and perhaps to develop some would be like providing funds for a man out of work—it would be either a temporary relief or an endless undertaking. Latin America must sell its wares in order to be a dependable and continuous buyer from others.

Latin America has lost its best markets for many of its products. These were in the countries which sold most to Latin America. The flow of that international trade has been constricted both ways. It is illogical to expect the United States to buy all that Latin America desires to sell, must sell if it is to continue to buy as much as it usually bought from other countries. Tariff bargains may make it easier for Latin America to sell in the United States and in that manner to get funds for buying more from this country. But, who will supply those funds? In very few instances will it be the sellers of what Latin America may buy. The money will come largely by diversion from those whose customers have been won away by the lower prices that the duty reductions make possible.

Sound trade increases between the United States and Latin America cannot be effected by either financial or political generosity. Their achievement is a plain business problem attended with a lot of realism, not all of which is good-neighborly. The nub of the problem is:—How can Latin America be supplied with something it can use as money?

—O-P-D—

Even in respect of the few States which have enacted new drug laws more or less in harmony with the Federal act of 1939 it is not reasonable that manufacturers or wholesalers should be required to take back from retailers all articles not labeled in conformity with the requirements which will become effective in interstate commerce January 1. There may be some few exceptions of the nature of drugs which the new State laws will regard as dangerous because of inadequate labeling. Of course there is no reason whatsoever for the return of drugs in States which have not enacted the new labeling requirements.

Reasonableness Should Guide

Whether it is to be expected that State enforcement agencies will be reasonable in regard to retailers' floor stocks is a question. The doubt should be resolved in favor of reasonableness, and the quantity of goods involved in the majority of instances cannot be large enough to justify the assumption of hazard or deceit where none has existed. Patent attempts to evade the law are quite another thing.

Knowledge of the requirements of the new Federal law and of complementary new State enactments could easily have been acquired by all distributors in ample time to adjust their buying to what would be expected of them. Those who for some reason or other have disregarded their obvious obligations should not expect their wholesaler or the manufacturer to pay the penalty of their fault. It is equally true that where the fault may lie with an overselling supplier the retailer should not be left exposed to the jeopardy: his exaggeration of his capacity may be reasonably excusable.

CITRATES

CITRIC ACID

TARTARIC ACID

CREAM TARTAR

ROCHELLE SALT

SEIDLITZ MIXTURE

POTASSIUM IODIDE

PHENOLPHTHALEIN

CALCIUM GLUCONATE

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BISMUTH SUBCARBONATE

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Heavy Chemicals

Muriatic, Nitric and Sulphuric Acid Firm for Early 1940—Copperas Higher—Domestic and Imported Saltcake Up—Potash Permanganate Prices to Remain Firm

The release of important mineral acid prices for the first quarter of 1940 provided the leading development in the market for heavy chemicals last week. One seller accepted contracts for sulphuric, nitric, muriatic and acetic acids at the same levels, relieving a great deal of speculation prevailing for the past several weeks. The most important price revisions occurred in copperas and saltcake where moderate advances were made to cope with the additional costs. Most of the other changes were confined to specialties and tin salts.

Despite the leveling off in new business, the market received satisfactory support last week. Production in many items was gradually catching up with demand, although backlogs in not a few chemicals were sufficient to maintain shipments at capacity levels for the next few months. Normal seasonal influences were believed to be responsible for the tapering off in demand, rather than any let-up in general business. Sellers were still cautious in accepting export inquiries, and most of the business passing was for regular accounts rather than any new business brought about by the situation in Europe.

Aside from the renewal of prices in important mineral acids, firm quotations were carried into the first quarter for iron free alumina sulphate, ammonia, potash and soda oxalates, calcium sulphide, potash permanganate and soda hydrosulphite. The bulk of the prices for next year have been released and only a few important items remain to be announced. Trade was still awaiting prices for potash chlorate, soda chlorate, saltpeter, and soda silicofluoride, with some word looked for within the next week.

Alums. — Demand moderate. Quotations generally firm. Contract renewals work progressing. Exports of alum, chiefly potash from Belgium during 1938 totaled 371 metric tons. The bulk went to South America.

Alumina Sulphate.—Shipments steady. Sellers accepting contracts for iron-free at current levels covering first quarter of 1940. Commercial grade firm.

Ammonia Anhydrous—Booking contracts nearly completed for next year. Demand seasonal, and market firm. Export inquiry good.

Ammonia Aqua.—Less inquiry, but shipments moving well against contracts. Market position strong, and prices firm.

Ammonia Bicarbonate.—Transactions routine. Prices well maintained.

Ammonia Bifluoride.—Demand moderate. Prices firm.

Ammonia Linoleate.—Price advanced 1c. to 12c. per pound. Buying fair.

Ammonia Nitrate.—Good inquiry for moderate quantities last week. Prices unchanged and firm. October imports 134,375 pounds, valued $1,943, all from Norway.

Ammonia Oleate. — Quotations for drums advanced 3c. to 14c. per pound. Buying light.

Ammonia Oxalate.—A leading seller carried prices into next year at same levels. Demand steady.

Ammonia Silicofluoride. — Fair inquiry, buying only moderate. Prices firm. October imports 46,294 pounds, valued $3,113, all from The Netherlands.

Ammonia Stearate, Anhydrous.—Price 2½c. higher at 24½c. per pound. Business conservative.

Ammoniac, Sal.—White material well booked ahead, new business less active. Market very firm, and contract work underway for next year. October imports 605,410 pounds, valued $14,667, of which 198,418 pounds came from Belgium and 406,992 pounds from Germany.

Antimony. — Metal quiet and unchanged. Oxide of antimony sold up, scattered resales around 19½c. per pound. Needle of antimony nominal at 20c. per pound.

Arsenic.—Business in white fairly steady. Prices firm. October imports 1,764,274 pounds, valued $43,778. Red prices strictly nominal, ranging between 18c. and 19c. per pound. October imports 170,866 pounds, valued $22,840.

Barium Salts. — Demand generally moderate. Prices for most material strictly nominal. October imports barium compounds 31,348 pounds, valued $1,441.

Bleaching Powder.—Demand less active, good export inquiry. Prices firm. Contract renewals nearly completed.

Blue Vitriol.—Prices firm. Preparations underway for agricultural purposes. Export business steady.

Calcium Chloride. — Weather detrimental to large movement for ice control in most sections. Good call for concrete curing. Export inquiry brisk. Prices unaltered.

Calcium Sulphide. — Leading seller extending prices into first quarter of 1940.

Carbon Tetrachloride.—Steady movement for dry cleaning and solvent purposes. Prices firm.

Chlorine.—Business fairly steady, less active than previously. Market position satisfactory, prices hold firm. Contract renewals favorable.

Cobalt Oxide. — Demand moderate. Market firm and prices the same. October imports 65,450 pounds, valued $89,923.

Copper.—Market quiet and prices about unchanged. Domestic price 12½c. per pound, with outside market and export on a higher basis. Export ranged from 12.75c. to 13c. per pound f.a.s.

Copper Salts.—Little spot business, sellers still booked ahead against contracts. Prices unchanged and nominal.

Copperas.—Prices for car lots, bags and barrels, and bulk $2 per ton higher, making bags $19 per ton, barrels $21 per ton and bulk $16 per ton. Increase due to higher production costs. Demand steady.

Diglycol Laurate.—Prices advanced 4c. per pound, making car lots 17c. and less car lots in drums, 21c. per pound.

Diglycol Stearate.—Quotations revised upward 2c. to the basis of 22c. in car lots and less car lots, drums, 26c. per pound.

Fluorspar. — Shipments moderately active. Domestic prices unchanged and firm. Imported nominal.

Glycol Stearate.—Prices advanced 2c. per pound to 26c. per pound for 55 gallon drums.

Glauber's Salt.—Business fairly steady. Prices well sustained. Contract renewal work satisfactory.

Lead Nitrate.—A leading seller ac-

Price Changes

Advanced

Ammonia linoleate, 1c. per lb.
oleate, 3c. per lb.
stearate, anhy., 2½c. per lb.
Copperas, bulk, $2 per ton
Diglycol laurate, 4c. per lb.
stearate, 2c. per lb.
Glycol stearate, 2c. per lb.
Potash titanium oxalate, 5c. per lb.
Saltcake, dom., bulk, $2 per ton
imported, bulk, $3 per ton

Reduced

Straits, tin, 1c. per lb.
crystals, ½c. per lb.
stannous chloride, anhy., ½c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
149.6	149.4	149.4	147.2

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.0	99.0	99.0	99.6

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

cepting contract for first quarter at current levels. Shipments steady, supplies adequate to meet requirements.

Manganese Dioxide.—Spot position still tight. Contract shipments steady. Price tone very firm.

Nickel Salts.—Prices firm and unchanged, business moderately active with shipments catching up with back orders.

Potash Carbonate.—Production gradually meeting heavy demand. Sellers well sold up against contracts. Little export business. Good response to contracts for 1940. October imports only 855 pounds.

Potash Caustic.—Situation somewhat improved, but sellers carrying orders into next year. Prices very firm. October imports 48,314 pounds, valued $10,118, all from Sweden.

Potash Chlorate.—Recent imports relieved tight position partially. Little activity in resale market. Contract prices expected shortly. October imports 1,210,547 pounds, valued $58,539, with Sweden and Switzerland chief suppliers.

Potash Oxalate.—A leading seller carrying current prices into early part of next year. Demand steady.

Potash, Permanganate. — Despite higher raw material costs, prices will remain unchanged at 18½c. to 19c. per pound for early part of next year. Production caught up with demand.

Potash Titanium Oxalate.—Quotations advanced 5c.; 350 pounds, barrels, 40c. per pound, and 100-pound drums, 45c. per pound. Business steady.

Saltcake.—Domestic ground in bags and barrels quoted $20 and $24 per ton, respectively. Bulk, $17 per ton. All prices at works. Imported sold $18 per ton. Market strictly nominal. October imports 8,830 tons, valued $93,496.

Saltpeter.—Demand less active, shipments steady against previous orders. Little export business accepted. Prices for next year expected to be later than usual. Tone very firm. October imports, 372,324 pounds, valued at $12,344.

Soda Acetate.—Business steady; prices hold firm. Contract renewals satisfactory.

Soda Antimoniate.—Prices firm and unchanged. Business moderately active.

Soda Ash.—Shipments moderate. Less pressure for shipments at this time. Export inquiry active. Prices firm. Contract work nearly completed.

Soda Bicarbonate.—Demand steady, and prices well maintained. Export business satisfactory.

Soda Bifluoride.—Market in firm position. Sellers accepting contracts on same basis.

Soda, Caustic. — Shipments slightly slower, although sufficient orders to keep market in firm position. Contract work virtually over for next year. Exports active.

Soda Chlorate.—Trade awaiting 1940 contract prices. Interest moderate and market firm. October imports, 574,043 pounds, valued at $21,942.

Soda Cyanide. — Business about steady; volume not so large as recently. Export inquiries still prevalent. Contracts well received. October imports, 4,332,593 pounds, valued at $202,510.

Soda Hydrosulphite.—Leading sellers renewing contract prices for first quarter. Spot position still tight, and resales made at premiums. October imports, 13,282 pounds, valued at $1,157.

Soda Nitrite.—Sellers well booked ahead, but new business tapering off. Market position firm and prices without change.

Soda Oxalate.—One seller accepting contracts for first part of 1940 at current levels. Demand steady.

Soda Phosphate.—Shipments against contracts moderately active. Export inquiry brisk. Contract renewals well under way.

Soda Silicate.—Volume slightly lower, but sufficient to keep market in strong position. Contracts well accepted for next year.

Soda Silicofluoride.—Domestic production sold up, sellers not naming any price for the present. Imported material in limited quantities offered at 5½c. to 6c. per pound. October imports, 1,268,484 pounds, valued at $19,544, all from Denmark.

Soda Sulphide.—Contract work progressing well. Business about steady. October imports, 882 pounds, valued at $131.

Sulphur, Refined.—Business displays some tapering off; shipments remain fairly steady against contracts. Prices firm.

Tin Salts.—Prices for tin crystals and anhydrous stannous chloride of tin declined ½c. at 38½c. and 47c. per pound, respectively, while anhydrous tetrachloride of tin held at 25½c. per pound. Straits metal declined to 50c. per pound. International Tin Committee has raised permissible export quota for first quarter of 1940 to 120 percent of standard tonnages; previously 100 percent was set.

Uranium Oxide. — Small quantities made up the call. Prices firm and unchanged. October imports, 428,007 pounds, valued at $277,505.

Zinc Chloride. — Shipments against contracts steady. Market in strong position and prices firm.

Zinc Sulphate. — Contract renewal work very satisfactory. Business moderately active, and market tone very firm.

Acids

Contracts were accepted covering the first quarter of 1940 at firm levels for acetic, battery, butyric, muriatic, nitric and sulphuric acid last week. Much speculation was raised during the past few weeks regarding prices for some of the more important mineral acids that have experienced a heavy demand in addition to the higher production costs. Nevertheless, following the general trend of prices, sellers decided to absorb some of the additional costs and keep the former schedules. Demand has been more orderly, and the pressure for shipments lessened, reflecting the desire on the part of leading consumers to limit purchases to nearby requirements at this time.

Acetic.—Some sellers accepting contracts for early part of 1940 on same basis. Shipments steady, less active than previously, however. October imports 348,780 pounds, valued $13,602, all from Canada.

Battery.—Firm prices will prevail for the first quarter of next year. Business steady.

Chromic.—Demand moderately active. Contract renewals gratifying. Prices firm.

Butyric.—Leading seller renewing contracts for early next year at current levels. Business good.

Formic.—Sellers writing contracts on new basis for next year, eliminating freight equalization with seaboard. Demand steady.

Gallic.—Prices nominal, demand only fair.

Hydrofluoric.—Firm conditions surround trading. Contracts well received. Business satisfactory.

Lactic.—Moderate demand the rule. Prices remain firm for early part of 1940.

Muriatic.—Quotations for various grades carried into first quarter at same levels. Shipments fairly active, and market position firm.

Naphthenic.—Domestic producers well sold ahead into next year. Spot position tight. Little import material available. Prices strictly nominal.

Nitric.—A leading seller accepting contracts at firm levels for first part of next year in all grades. Market in tight position, and demand active.

Oxalic.—Domestic and export inquiry good, shipments well diversified. Contract work well underway. Prices firm.

Phosphoric.—Demand moderate. Prices firm, and contract work progressing well.

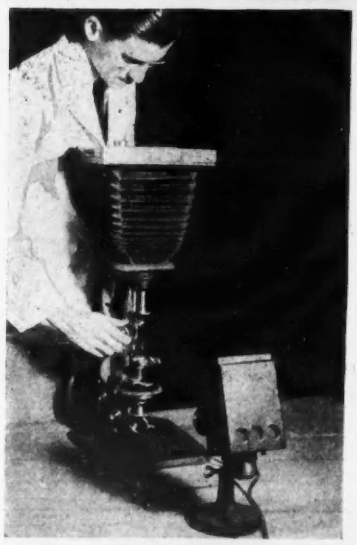
Sulphuric.—One seller booking contracts in the 60 and 66 degree materials in tanks and carboys at the same levels for the first quarter of next year. Production has gradually caught up with demand, and the market appeared in a much better position than for some weeks. Contract withdrawals remain steady, but pressure for shipments have subsided recently.

Baltimore, Dec. 13.—Sulphuric acid production continues adequate for the requirements of the industries that use acid in their operations, and the talk about prospects for an advance in the quotations seems to have subsided. The nominal quotations stand at $12 per ton for 60 degree and at $15 per ton for 66 degree acid. The market for oleum also reflects a somewhat less uncompromising attitude than it did, with the current quotations perhaps back to the $17 per ton adhered to until bullish talk pushed the figure generally named to $18 per ton.

Insecticides

The market for agricultural insectides and fungicides offered no new

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7



CONSTANT RESEARCH LABORATORY ANALYSES CONTROL EVERY STEP IN THE DIAMOND MANUFACTURING PROCESS

Throughout the Diamond manufacturing processes, a program of sampling and testing, repeated at stated intervals, is your constant assurance of alkalies that exactly meet your specifications, day after day, year after year. The illustrations on this page show some of the equipment and technique used in making these investigations. To secure the accurate data needed for exact control of every step, we use the fine instruments and precision methods generally reserved for the Research laboratory.

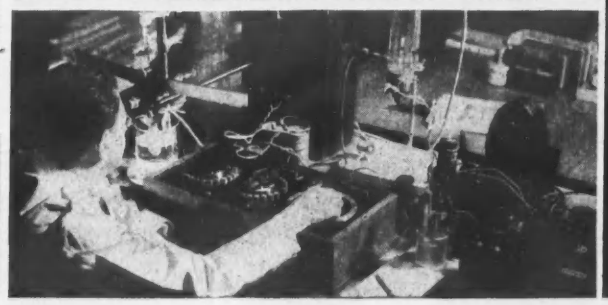
The end result, from your standpoint, is strict adherence to quality specifications and definite assurance of prompt deliveries, due to the smooth functioning of our precision manufacturing processes.

Aren't these *plus* values worth something to you?

Diamond Alkali Company

PITTSBURGH AND EVERYWHERE

ALKALI



To make certain that Diamond products conform to specifications, precise tests are made at each step in manufacture. The equipment and laboratories used for some of the tests are shown in these views.

SOLVAY PRODUCTS

TRADE MARK REG. U. S. PAT. OFF.

SOLVAY POTASSIUM CARBONATE LIQUOR

TYPICALLY Solvay in its high standard of manufacture, Solvay Potassium Carbonate is a product that is made to meet the rigid requirements of many important industries.

SOLVAY LIQUID POTASSIUM CARBONATE, 47%—new, improved. Solvay product that is clear, water-white solution ready to use. A superior product without sediment, it offers definite advantages to the textile and other industries.

SOLVAY CALCINED DUSTLESS POTASSIUM CARBONATE, 98-100% — made especially for the manufacture of glass. Combines all necessary chemical and physical properties for finest manufacturing results.

SOLVAY GRANULAR HYDRATED POTASSIUM CARBONATE, 83-85% — a product with a uniform crystal size that speeds solubility. Meets all manufacturing standards for purity and uniformity.

Write for a copy of the Solvay Products Book which contains information on this and other Solvay Products. Write to Dept. AG-12.

OTHER SOLVAY PRODUCTS: Soda Ash — Caustic Soda — Modified Sodas — Special Alkalies — Heavy Duty Cleansers — Nitrite of Soda — Liquid Chlorine — Calcium Chloride — Caustic Potash — Ammonium Chloride — Para-Dichlorobenzene — Ortho-Dichlorobenzene—Ammonium Bicarbonate.

SOLVAY SALES CORPORATION

Alkalies and Chemical Products Manufactured by The Solvay Process Company

40 RECTOR STREET NEW YORK, N. Y.

BRANCH SALES OFFICES:

Boston Charlotte Chicago Cincinnati
Cleveland Detroit Indianapolis
New Orleans New York Philadelphia Pittsburgh
St. Louis Syracuse

STANDARD TRADE MARK REG. U.S. PAT. OFF. SINCE 1881

developments of consequence last week. Indications that preparations were underway by many sellers for the coming season became more pronounced. However, consumer demand was not expected to show much stimulation until early next year. Export business continued satisfactory. Prices were without any changes, and the tone of the market was firm.

Calcium Arsenate.—Sellers continue to make preparations for coming season. Current business quiet, and prices remain firm.

Lead Arsenate.—No new developments. Demand along seasonal lines. Prices unchanged and firm.

Soda Arsenate.—Firm conditions prevailed, but quotations were unaltered. Business dull.

Platinum Uses Given In December *Priorities*

An interesting article on platinum appears in the December issue of *Priorities*, house organ of Prior Chemical Corporation, Graybar building, New York. Highlights of the history and uses of platinum are given in non-technical language.

Kenny Quits Devoe & Raynolds

T. J. Kenny has resigned as of December 15 as director of trade sales for Devoe & Raynolds, paint manufacturer, this city, to become general manager of Cameron & Barkley Company, distributor of mill supplies, Charleston, S. C.

Trade Briefs

General Refractories Company, South Baltimore, is erecting a new building to house its grinding mill.

California Ink Company has elected C. M. Reed president, succeeding G. D. Graham, resigned.

Vermiculite is a new commercial mineral product mined in Arizona, which is now being used in the building industry as an insulating material.

Dr. William A. Mudge has been added to the technical service section of International Nickel Company, this city.

Pierce & Stevens, Inc., chemical manufacturer, Buffalo, has been granted a building permit to make an $8,500 alteration to its Ohio street plant.

West Virginia Pulp & Paper Company has called for redemption February 7 at 105 and interest entire issue of its first mortgage 4½ percent bonds, due December 1, 1952.

American Chemical Society's Louisiana section has elected as president W. N. Lehmkuhl; vice-president, A. W. Chapman; treasurer, H. R. Vix, and secretary, E. F. Pollard.

La France Industries, Philadelphia, reorganization program, predicated on a $600,000 RFC loan, has been approved by Federal Judge Kirkpatrick, Philadelphia, who will hold a final hearing on the plan January 29.

R. S. Wessels has retired from the Pittsburgh Plate Glass Company after more than forty-three years of service. Mr. Wessels has been manager of the Detroit warehouse since August, 1927. He has been succeeded by A. J. Roche.

Federal Match Corporation, controlled by the Pan American Match Company, this city, stockholders will vote March 27 on a proposal to merge with the Union Match Company. The merged companies will be known as the Federal Match Corporation.

Chemical Club of Philadelphia expects a record attendance at its Christmas party December 19 in the Ritz-Carlton hotel. The party will start at 6:30 p.m. Webster Rice is in charge of reservations; his address is 220 South Sixteenth street, Philadelphia.

VICTOR
Chemicals
OXALIC ACID
Guaranteed 99.8% Pure
Free from sulphuric and hydrochloric acids. Available in large, small or special fine crystals as well as powdered. Careful screening assures uniformity.
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VICTOR CHEMICAL WORKS
141 West Jackson Boulevard, Chicago, Illinois

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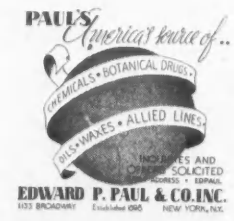
SODIUM BICHROMATE
SODIUM HYDROSULPHITE, concentrated
SODIUM SULPHATE
POTASSIUM BICHROMATE
POTASSIUM CARBONATE
POTASSIUM CHLORATE
OXALIC ACID, crystals
CAUSTIC POTASH
SODA ASH
CAUSTIC SODA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CHEMICALS • BOTANICAL DRUGS
OILS • WAXES • ALLIED LINES
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EDWARD P. PAUL & CO. INC.
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EDWARD P. PAUL & CO., Inc.

Manufacturers, Importers and Exporters
CHEMICALS, BOTANICAL DRUGS and OILS

Offices: 1133 BROADWAY, NEW YORK
Cables: EDPAUL

Chemical Alliance Re-elects Its Officers

—Continued from page 3

Munson, of the U. S. Industrial Alcohol Company, New York; A. E. Pitcher, of E. I. duPont de Nemours & Co., Wilmington, Del.; Louis Ware, of the International Agricultural Corporation, New York.

The members of the board of directors are:—

Horace M. Albright, of the United States Potash Company; E. M. Allen, of the Mathieson Alkali Works; L. T. Beale, of the Pennsylvania Salt Manufacturing Company; Charles Belknap, of the Monsanto Chemical Company; W. B. Bell, of the American Cyanamid Company; George R. Carr, of the Dearborn Chemical Company; H. L. Derby, of the American Cyanamid & Chemical Corporation; Willard H. Dow, of the Dow Chemical Company; R. H. Dunham, of the Hercules Powder Company; Lammot duPont, of E. I. duPont de Nemours & Co.; Thomas W. Elkinton, of the Philadelphia Quartz Company; Ernest Finch, of the Michigan Alkali Company; J. N. Forker, of the Koppers Company; C. P. Gulick, of the National Oil Products Company.

Ernest K. Halbach, of the General Dyestuff Corporation; A. K. Hamilton, of the Franco-American Chemical Works; Glenn Haskell, of the U. S. Industrial Alcohol Company; H. M. Hooker, of the Hooker Electrochemical Company; S. W. Jacobs, of the Niagara Alkali Company; Park Kelley, of the Ozark Chemical Company; F. J. King, of the Linde Air Products Company; Eric C. Kunz, of Givaudan-Delawanna, Inc.; Alfred F. Lichtenstein, of the Ciba Company; Leland Lyon, of the Atlas Powder Company; J. W. McLaughlin, of the Carbide & Carbon Chemicals Corporation; George W. Merck, of Merck & Co.; August Merz, of the American Cyanamid Company; Charles S. Munson, of the U. S. Industrial Alcohol Company.

G. M. Pettee, of the Carbon Dioxide Institute; A. E. Pitcher, of E. I. duPont de Nemours & Co.; Edgar M. Queeny, of the Monsanto Chemical Company; F. W. Russe, of the Mallinckrodt Chemical Works; John Stauffer, Jr., of the Stauffer Chemical Company; A. A. Teeter, of Charles Pfizer & Co.; William B. Thom, of the Westvaco Chlorine Products Corporation; Frederic Vieweg, of the American Potash & Chemical Corporation; T. P. Walker, of the Commercial Solvents Corporation; Louis Ware, of the International Agricultural Corporation; E. H. Westlake, of the Tennessee Copper Company.

Cellulose from Potato Plants Planned in Germany

OPD Washington Bureau
December 14, 1939

Germany's largest producer of staple fiber has just announced a plan involving the production of cellulose from potato plants, the American Commercial Attache in Berlin, has informed the Department of Commerce. A subsidiary company, he points out, has been formed for this purpose. The output of cellulose resulting from the new venture is destined for Germany's paper-manufacturing industry. The technological phase of the processing of the potato plants is claimed to have been solved. Dried potato plants contain approximately 40 percent of cellulose and the chief problem is that of storing the dried plants for year-round operation. The collection of the potato plants for manufacture into cellulose will start first in the Province of Brandenburg in cooperation with the large potato growers of that district.

Concrete Protective Features Of Silicofluoride Described

The role of magnesium silicofluoride in the protection of concrete floors, walls, and cement surfaces is comprehensively reviewed in an attractive booklet prepared by the Harshaw Chemical Company, manufacturer, importer, and merchant of chemicals, Cleveland, O. Abrasion, erosion, and dusting of concrete surfaces are said to be economically arrested and the life of concrete prolonged by the use of this magnesium salt. A copy of the booklet may be secured by communicating with the Harshaw Chemical Company, 1945 East 97th street, Cleveland, mentioning the REPORTER.

Aluminum Hydrate Output Planned by Danish Company

The Danish chemical industry during the current year has inaugurated the production of aluminum hydroxide in Denmark. The Dansk Svovlsyre & Superfosphat Fabrik is making the chemical in the form of a stable emulsion to act as a carrier for the important new vaccine against hoof-and-mouth disease recently developed by the State Serum Institute, according to reports to the Department of Commerce from the office of the American commercial attache in Copenhagen. Until Dansk Svovlsyre began production of the aluminum hydroxide emulsion, it was being made only by one company in Germany. The output of the Danish company is already sufficient to cover Denmark's needs and possibly provide a small surplus for export.

Camden Ink Co. to Produce On Cooperative Basis

The Camden Ink & Color Company of Maryland now only a distributor, will become a producer of printing inks early next year. The company will operate on a cooperative basis, giving stock to printing firms that are customers. Equipment is now being installed in the company's Baltimore plant.

Michel Export Company Issues 'Alframine' Data

A complete description of the characteristics and uses of "Alframine DCA," a combination of a sulphonation product of a high molecular aldehyde condensate of the alaphatic series with other chemical compounds, is presented in a leaflet recently issued by the Michel Export Company, this city. Of American manufacture, the new powdered product is said to be an especially suitable detergent material for use in the textile, fur dressing and dyeing, leather, paper, electric plating and metal cleaning industries, and in general scouring and cleaning. A copy of the bulletin may be secured by addressing the Michel Export Company, 90 Broad street, New York, mentioning the REPORTER.

Strategic Materials Probe Of Mines Bureau Outlined

The procedure followed by the Bureau of Mines of the Department of the Interior in the investigation of domestic deposits of strategic minerals is discussed by John W. Finch, director, in a circular which has just been issued by the bureau. The investigations are being made in accordance with the porvisions of section 7 of the strategic materials act. Information Circular 7097, "Strategic Minerals Investigations Procedure followed by the Bureau of Mines", by John W. Finch, director, may be secured free of charge upon application to the Bureau of Mines, Washington.

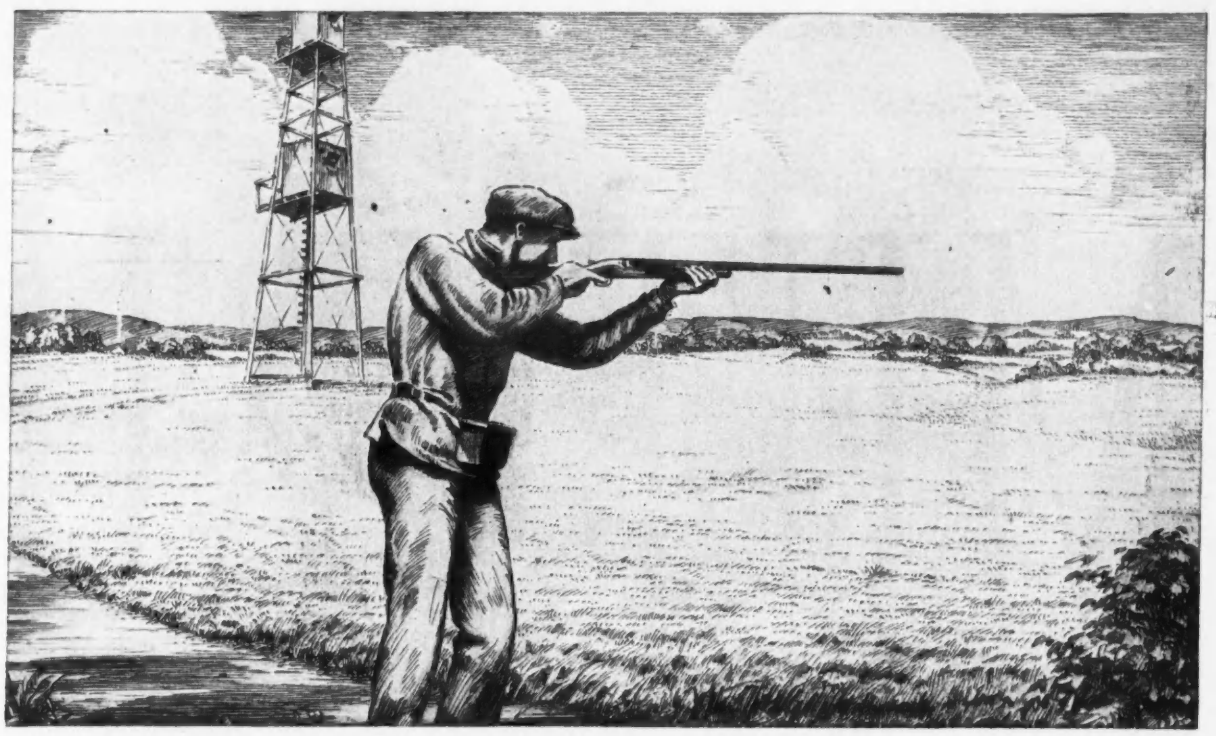
Air Reduction Co. Acquires Ohio Chemical & Manufacturing

The directorate of the Air Reduction Company, this city, has completed negotiations for the acquisition of the assets and business of the Ohio Chemical & Manufacturing Company, Cleveland. The acquisition is to be effected by transfer to the Ohio Chemical interests of 157,000 shares of the Air Reduction Company's authorized but unissued stock.

Consummation of the merger is scheduled to take place as soon as stockholders of the Ohio Chemical & Manufacturing can take appropriate corporate action and necessary formalities can be complied with to enable the Air Reduction organization to issue the required stock. The Ohio Chemical & Manufacturing Company is a large producer and dispenser of medical gases and medical chemicals as well as apparatus and equipment.

Miss Martha Selinger, of the R & H chemical department of E. I. duPont de Nemours & Co., Empire State building, returned Monday from a two-week vacation in Clearwater, Fla.

INTERESTING USES OF ALKALIES



A Vital Step In The Manufacture Of Smokeless Powder

Smokeless nitrocellulose powder has largely replaced the black potassium nitrate powders for shotgun shells and rifle cartridges. In the preparation of nitrocellulose for this purpose, caustic soda plays a vital part. Before the cellulose can be converted into its nitro compound the fats and oils from the raw cotton are removed by the use of caustic soda in the ratio of about 2% to the weight of the raw cotton.

Because the function of alkalies in manufacturing industries is seldom recognized in the finished product, the average layman has little conception of the tremendous tonnage of caustic soda, soda ash, liquid chlorine and bicarbonate of soda used in manufacturing such important commodities as chemicals, paper, soap, textiles, glass, foods and drugs. Neither does he realize how numerous and how varied are the uses made of these alkalies. Some of the more or less obscure and minor uses have been depicted in this series of advertisements here concluded.

We have taken this novel way of bringing the name COLUMBIA to the attention of executives, technicians and purchasing heads with the hope that the high quality of COLUMBIA products and the dependability of COLUMBIA service will be remembered through the year and years that lie ahead.

We shall be glad to send you free of charge a large size reproduction of above illustration, "The Skeet Shooter" suitable for framing, if requested on business letterhead and naming magazine in which you saw this advertisement.

COLUMBIA

SODA ASH • CAUSTIC SODA • SODIUM BICARBONATE • • •
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Plant: Barberton, Ohio
CHICAGO . BOSTON . ST. LOUIS . PITTSBURGH . CINCINNATI . CLEVELAND . MINNEAPOLIS . PHILADELPHIA

N.Y. Trade Board Hears O'Mahoney

—Continued from page 5

tion in this sense, the opportunity is afforded for the growth of those abuses which, through financial manipulation and unfair practices, lay the groundwork for arbitrary private control, a species of economic regimentation which is equally as bad as regimentation by public authority. Indeed, the one leads inevitably to the other as the history of the present regime in Germany so eloquently proves.

We hear a lot of loose talk these days about the lost frontier, upon the part of both those who believe that government must supplant private enterprise and those who would abolish government regulation of commerce. It is true that the triumphs of inventive genius have not come to an end. It is true that greater and greater opportunities will be afforded mankind to live in peace and plenty as science and invention develop. It is true that new opportunities for profit will be uncovered as these new frontiers are discovered. But let us not forget that the geographical frontier of the past, which has disappeared, was the outlet to our ancestors when the concentration of economic power at home seemed to close the door of opportunity to them. When they could no longer successfully compete with uneconomic accumulations at home, when they were unable to acquire private property because of oppression and exploitation, it was possible for them to push on into the unknown to become the pioneers of new lands and to build new homes. Now they must acquire private property in some other manner, and the problem of discovering that manner so as to preserve private enterprise and private ownership of property is the question that is presented to us.

Business men and farmers, employers and employees, professional workers and those who work with their hands, and consumers, all have a stake in the preservation of free enterprise. My own belief has long been that the solution is so simple that we have been unable to see it. We have persisted in treating the artificial business corporation as though it were a natural person and although the Constitution of the United States gave the Federal Congress the explicit power to regulate all foreign and interstate commerce, we have persisted in refusing to let the national government prescribe the duties and responsibilities of the corporations which carry on that commerce.

Stanolind Crude Oil Purchasing stockholders will meet December 18 in the office of the company in Tulsa, Okla., to consider a proposal calling for a dissolution of the company.

McK.&R. Committee Objects To Reorganization Plans

The protective committee representing holders of McKesson & Robbins 20-year 5½ percent convertible debentures has sent to holders thereof, a letter opposing certain suggestions made by William J. Wardell, trustee, in his report outlining broad principles for reorganization of the company.

The committee stated that the trustee's report gave four formulas for a plan of reorganization, three of which suggested treatment of debenture holders on a basis different from that suggested in respect to other creditors. The letter stated in part:—

One of main reasons for accelerating maturity of the principal of the debentures, letter stated, was to make it impossible to accord to debenture holders, without their consent, treatment different from that accord to other creditors. It is, therefore, the view of the committee that it should not acquiesce in any such different treatment.

Committee is also of the view that the possibility that certain stockholders may have claims for rescission or damages hardly justifies according to all stockholders better treatment than would otherwise be appropriate, provided such better treatment is at the expense of the debenture holders and other creditors whose claims have been allowed.

Regarding payment of May 1 and Nov. 1 interest coupons on the debentures, committee said it believed it would be unwise to take any action at this time which might tend to negative the implications arising from the acceleration of the maturity of the debentures. It also expressed the opinion that the court would be unlikely to require the payment of interest on the debentures at this time.

If, however, there should be any unreasonable delay in the formulation of a plan, letter added, committee will expect from time to time to reconsider this particular matter.

Phosphate Research Stimulated in Germany

The shortage of sulphuric acid in Germany has intensified research on production of soluble mineral phosphates, according to the Department of Commerce from the American consul at Frankfort-on-Main. Four principal types of phosphatic materials have been developed commercially, which involve a saving of sulphuric acid as compared with the common process of acidulating phosphate rock with approximately equal quantities of sulphuric acid to produce superphosphate. The products enter under the following designations: —"Wasag" phosphate, "Rhenania" phosphate, "Lubeck" phosphate, and "Rochling" phosphate.

Of the four, "Rhenania" phosphate, manufactured for many years by Kalie Chemis A. G., at its Brunsbuttelkoog plant, is said to be produced to the extent of approximately one-eighth of Germany's total consumption of superphosphate. It is obtained by decomposing crude phosphate by sintering with soda ash and silicates at a temperature of 1,200 to 1,300 degrees Centigrade.

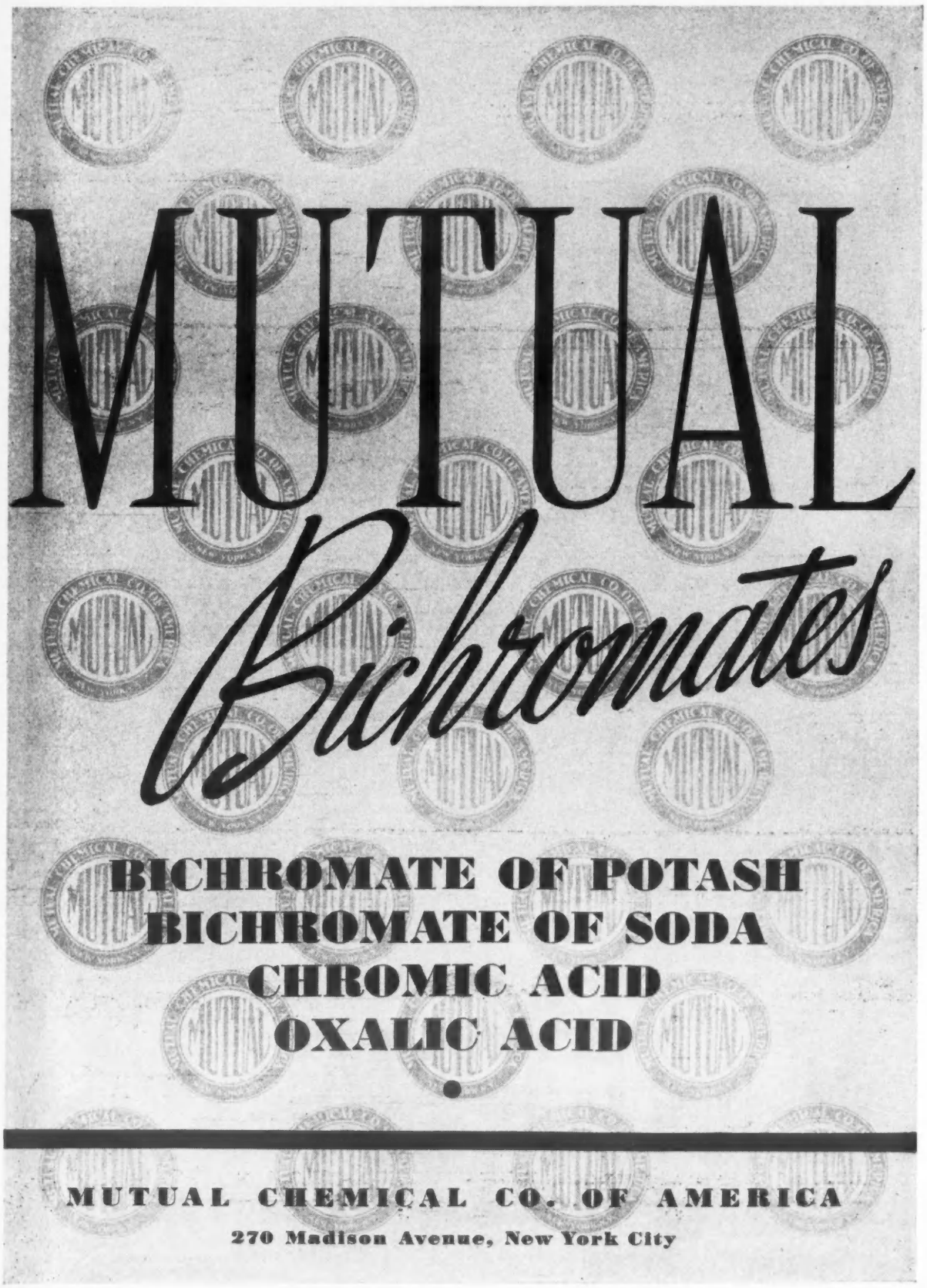
The "Wasag" phosphate process is controlled by the Westfalisch Anhaltischa Sprengstoff A.G. Smaller amounts of sulphuric acid are required than for producing ordinary superphosphate. The resultant primary prdouct is neutralized by the addition of basic calcereous material, yielding a product which, in contrast to ordinary superphosphate, does not contain any free phosphoric acid. In addition to mono-calcium-phosphate, this product contains considerable quantities of di-calcium-phosphate. "Wasag" phosphate is said to achieve the same crop yields as ordinary superphosphate, but is said to be easier to distribute than ordinary superphosphate, and mixes especially well with potash salts.

The "Rochling" phosphate process is controlled by the well-known Rochling Iron and Steel Works of the Saar. It involves disintegration of crude phosphate by sodium slag resulting from the desulfurization of pig iron by means of soda-ash. "Rochling" phosphate is reported to be about equal in quality as fertilizer with the well established "Rhenania" phosphate. The Rochling Company has made arrangements with leading German superphosphate manufacturers for constructing a large special plant for decomposing crude phosphate by its method and there is a strong possibility that the Rochling company's entire output of soda slag will be absorbed by the phosphate industry.

"Lubeck" phosphate, controlled by the Metallgesellschaft A.G., of Frankfort-on-Main, is a recent development. This process likewise dispenses with the use of sulfuric acid and decomposes crude phosphate by the addition of sodium sulfate and lignite-dust in rotary furnaces at a temperature of 800 to 850 degrees Centigrade. The resultant product is basic and contains phosphoric acid in citrate-soluble form. The use of medium sulfate involved in this process is considered an especially favorable factor in view of Germany's superabundant supply of by-product salt cake.

Except for the well-known "Rhenania" phosphate, the newer types of phosphate fertilizer referred to, have not yet become established on the German market. Experiments are still being conducted with them by the competent German agricultural authorities for ascertaining the physiological effects of the new products upon the growth of crops. If these experiments result satisfactorily, as is hoped, there should be a marked expansion of their consumption in Germany, with commensuratelylessened consumption of sulphuric acid for fertilizer manufacturers.

Philadelphia College of Pharmacy and Science is holding its second annual seminar on modern pharmaceutical practice January 29 to 31, 1940.



Dyestuffs, Textile and Leather Chemicals

Limited Supplies Mangrove Bark Offered at Higher Levels—Less Tenseness in Bichromates—Egg Products Easier—Ground and Leaf Sumac Firmer—Antimony Salts Up

Business in the market for dyestuffs, textile and leather chemicals continued along conservative lines last week. There seemed less inclination, with the year-end approaching, to add to inventories. Most of the buying was confined to necessary replacements. Despite the tapering off in demand, the general tone of the market was firm; the only weakness occurred in egg products, both domestic and imported. Raw tanning materials supplied most of the other changes.

Bichromate shipments were fairly steady. Production, however, was brought in line with demand, and new business was not nearly as heavy. There was less speculation in the resale market than for some time, and most of the business passed at moderate premiums in the export market. Antimony salts scored the only price advance in the chemical division, and the position of the market was rather tight.

There was little activity in dyestuffs. Quotations for cochineal, fustic, hypernic, logwood and turmeric were firm. Egg products were dull and the tone of the market was generally easier, reflecting to a large extent the lower prices in the shell egg market. Corn derivatives fully maintained the firm price tone noted recently, but quotations failed to advance.

One seller was able to quote on fibrous and non-fibrous mangrove bark after an absence of several weeks. Prices were considerably higher and supplies limited. Sumac continued its upward trend, with the leaf and ground recording advances. All excess freight and war risk insurance was for buyers' account for various raw tanning materials.

Chemicals

Alumina Acetate.—Business moderately active. Prices unchanged and firm.

Alumina Chloride. — Contract renewals progressing satisfactorily. Spot and contract shipments steady. Quotations firm.

Antimony Salts.—Price was advanced 4c. to the basis of 42c. per pound, and the market was strictly nominal. Shipments limited.

Chrome Acetate. — Moderate quantities made up the call. No change in prices, and the tone remained firm.

Potash Bichromate. — Shipments against contracts steady. Market position displayed improvement, with supplies adequate to meet most domestic requirements. Prices firm.

Potash Prussiate.—Little difficulty encountered in writing contracts for the yellow. Situation in the red a little better, but quantities still limited and prices nominal.

Soda Bichromate.—Some leveling off in business. Production and demand more in line. Less activity in resale market. Regular export accounts taken care of at slight premium. October exports 963,241 pounds, valued at $63,677. United Kingdom and Canada largest consumers.

Soda Prussiate. — Sellers soliciting contracts for next year at slightly higher levels as announced the preceding period. Transactions moderate.

Zinc Dust. — No further change in prices, and tone of the market about steady. Domestic and export inquiries moderate.

Dyestuffs

Annatto.—Small lots made up the call. Prices without change and firm.

Archil.—Spot stocks still scarce, and in view of this situation it was difficult to obtain any quotation.

Cochineal.—Usual consumers orders for nearby needs only. Prices displayed firmness.

Fustic.—Firmness governed the trading. Consumers usually limited takings to moderate quantities.

Hypernic.—Some leveling off in new business discernible. Prices were unchanged and firm.

Indigo.—Little in the way of new developments entered the market. Price was unaltered and the tone of the market held firm.

Logwood.—A fair demand was reported in the market, quotations were the same and the undertone was firm.

Madder Dutch. — Quiet conditions ruled in this direction. Prices were steady to firm.

Turmeric.—Market position remained strong in the absence of any spot stocks of consequence. Demand was not heavy.

Price Changes

Advanced

Antimony salts, 4c. per lb.
Mangrove bark, $10 per ton.
Sumac, ground, $1 per ton.
leaf, $3 per ton.

Reduced

Albumen, egg, dom., 2c. per lb.
imported, 3c. per lb.
Egg yolk, imported, 1c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
147.7	149.4	148.3	147.1

Market news that may have developed after this report was sent to press will be found on page 4.

Sizing Materials

Albumen, Blood.—Demand sufficient to absorb available production. Little imported material. Domestic prices firm and unchanged.

Albumen, Egg.—Prices easier, with declines of 2c. and 3c. reported. The domestic crystals ranged from 62c. to 64c. per pound, while imported declined to 65c. per pound. Little new business and market was quiet. Some imports, but stocks not large. Easy tone in shell egg market.

Corn Sugar.—Market firm at levels established preceding period. Bookings fair at higher levels.

Dextrin, Corn.—Moderate buying movement, but heavier buying at lower levels prevented any heavy bookings. Prices firm. A corn grind of 6,322,924 bushels reported for November by the Corn Industries Research Foundation in behalf of eleven refiners of starches, sugars, syrups and other products of corn. This compares with 8,113,487 bushels in October and 5,973,648 bushels in November.

Egg Yolk.—Imported declined 1c. at 58c. to 60c. per pound, no further change was disclosed in the domestic at the 60c. to 62c. per pound level recorded the preceding period. Demand dull.

Starch, Corn. — Shipments steady against old bookings, new business only moderate at the higher levels established recently. Prices firm.

Tapioca Flour.—While market was nominal, prices held at about the same levels. Buying was usually confined to nearby requirements.

Tanning Materials

Chestnut Extract.—Shipments moderately active. Prices firm and unchanged.

Cutch.—Sellers accepting contracts for next year at the higher level recorded the preceding period. Market position strong.

Gambier. — Prices unchanged and nominal. Shipments well absorbed, spot stocks not large. Inquiries only fair.

Mangrove Bark.—One seller quoted $35 per ton for the fibrous and non-fibrous, first price available in many weeks. Supplies still scarce.

Myrobalans.—No change in prices, shipments fairly steady against orders placed previously. New business only moderate.

Quebracho Extract.—Firm prices prevailed, and sellers were accepting business for early next year at current levels. Demand moderately active.

Sumac.—Quotations for ground $1 higher at $83 per ton; leaf up $3 at $85 per ton. Position of market strong and buying fairly steady.

Valonia.—No new developments in the market, prices for the beards and cups retained at former levels. Buying not very active.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Odor Removal from Air By Powdered Carbon Discussed

The experimental use of a powdered activated carbon, "Aqua Nuchar," to remove odors from air is described in the November issue of the *Taste and Odor Control Journal*, monthly publication of the Industrial Chemical Sales Division of the West Virginia Pulp and Paper Company, this city. Heretofore, normal practice has been to use a granular carbon in this work. In the tests, the powder was mixed with the odor laden air and subsequently removed from the air by a Pangborn filter. Copies of the journal may be obtained from the Industrial Chemical Sales Division, 230 Park avenue, New York, mentioning the REPORTER.

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U.S. Paint Industry Keenly Watched Abroad

—Continued from page 3

They are used to some extent for outdoors, but their weathering properties are not all that could be desired, except in those places where the climate is comparatively dry.

Since these countries are comparatively far from most of the sources of pigments and raw materials, it is natural that many of the larger companies in Australia and South Africa prepare many of their own materials required. In Australia, for example, two of the largest companies corrode their own lead and many of them prepare their own resins and their own colors. In South Africa, where the law permits the importation of raw materials, free of duty, if the materials are used in the manufacturing process, there is more of a tendency to import raw materials direct from the United States or England.

One point which will interest Americans is that price agreements between companies in these two countries are quite legal and quite in order. There is no objection on the part of the government for various companies to get together and sign an agreement that they will sell some or all of their merchandise at stipulated prices. Of course, in the United States such an agreement would be illegal.

Paint dealers in Australia and South Africa feel that this ability to get together with competitors and stabilize prices has worked most beneficially, not only to the companies, but to the employees and labor as well. In these countries there is no price-cutting and low prices. On the contrary, profitable prices can be arranged for and employment maintained. I was told in both Australia and South Africa that no unemployment exists, and certainly conditions seemed economically quite stable.

Also, there was no apparent tendency on the part of companies to overcharge for products, due to their ability to fix prices. The strong feeling seemed to be that prices should be fair, but not excessive. It is true that for some commodities the public pays more in Australia and South Africa than they do for the same things here, but it should be kept in mind that they enjoy a stable form of employment. It also seems to me that the Australians and South Africans have gone about their regulation of labor and the adjustment of labor questions between employers and employees in a very intelligent manner. They have managed to keep politics pretty much out of labor questions, and have reduced the matter of negotiations to simple, practical formulas.

Activated Carbon Production Planned in Philippine Islands

OPD Washington Bureau
December 13, 1939

There is no commercial production of activated carbon from coconut shell charcoal in the Philippine Islands at present, according to advices to the Department of Commerce from the office of the American trade commissioner in Manila. However, one company has been experimenting with production for a number of months and is now ready to undertake commercial production if a market can be established. This company is manufacturing an excellent activated carbon by a patented process.

The company claims that it is able to produce an excellent grade of activated carbon suitable for use in military gas masks, this carbon being absolutely pure and having all of the desired qualities of hardness, lightness, absorption power and stability. The gas mask carbon is made from coconut shell, but the company has also been successful in producing a high grade of soft activated carbon from coconut husk, this particular variety being suitable for other applications.

Cleveland Paint Clubs Held Christmas Party Dec. 8

The Cleveland Paint and Varnish Production Club and the Cleveland Paint, Varnish and Lacquer Association held their joint Christmas party December 8 in the Rainbow Room of Hotel Carter with approximately 190 in attendance. Following the dinner, president J. L. Caruth announced that there would be no speeches and no business conducted. A seven-act vaudeville unit put on a very good show, which included dancing, singing, and acrobatics, with A. K. Thayer acting as master of ceremonies, assisted by Carl Hoffman and Fred Eberman.

Tamms Silica Co. Produces New Grades for Polishes

The Tamms Silica Company, manufacturer of inerts for paint grinding, water paints, and colors, has started production on two new grades of silica which have been found especially suitable for polish formulations. It is said that they may be used to replace heretofore imported grades, supplies of which have been restricted by the difficulties abroad. The new silicas are known as "Silvateen" and "Silvateen Foam AA."

"Silvateen" silica is a decomposed type of very fine particle size, tests showing it to have good suspension qualities as well as abrasiveness. "Silvateen Foam AA" also has shown excellent suspension qualities, and to bulk slightly more than the "Silvateen" and much better than imported grades. Samples for laboratory tests and data on the new grades may be obtained by addressing the Tamms Silica Company, 228 North La Salle street, Chicago, mentioning the REPORTER.

Alcohol Production Extension From Sulphite Proposed

A government measure to provide additional manufacturing facilities for the distillation of sulphite alcohol for motor fuel is now being discussed in the Riksdag, according to reports to the Department of Commerce from the office of the Amer[illegible]he in Stockholm. The Minister of Finance proposes that there be an increase in the output of this fuel constituent under normal conditions, from the present 19,200,000 liters to 67,500,000 liters. It is his thesis that a country of the size of Sweden should be able to furnish one-third of its own consumption of motor fuels. The minister further proposes that the plant, when expanded to manufacture the higher quantity indicated above, should be able to increase its output another 30 percent within six months, should the need arise. It is doubtful if any decision will be reached during the present extraordinary session of the Riksdag.

N.Y. Paint Clubs Hold Party

More than 650 members and guests crowded the ballroom of the Hotel Biltmore December 14 for the annual joint Christmas party of the New York Paint, Varnish & Lacquer Association and the New York Paint & Varnish Production Club. Michael J. Merkin, president of the association, presided.

Paint up campaign in Lubbock, Tex., in 1939 resulted in the use of 20,055 gallons of paint and varnish products with an estimated value of $91,739.

Canadian Paper Industry Used $10,889,793 in Chemicals

A recent report of the Dominion Bureau of Statistics at Ottawa for the year 1939 states that ninty-nine mills were engaged in the production of pulp and paper in Canada. Total output was reported at a gross value of $180,000,000. Seventy-five mills manufactured pulp valued at $88,000,000 and seventy-two made paper worth $152,000,000. Chemicals, fillers, dyes, colors and other materials used in the manufacturer of paper in 1938 had a total value of $10,889,793 and included:—Soda ash, $61,919; alum, $627,903; china clay, $438,218; size, $394,012; rosin, $160,458; silicate of soda, $37,638; caustic soda, $12,831; talc and agalite, $17,552; starch, $95,992; lime, $52,563; liquid chlorine, $54,686; acid, $18,860; lithopone, $5,878; titanium oxides, $89,007; and dyes and colors, $395,143.

Pharmaceutical lines are desired by a visitor from Egypt, now in the United States. Full details regarding this visitor are available to accredited American firms by referring to Foreign Visitor No. 1200.

BEFORE building its huge carbon black plant at Sunray, Texas, Continental Carbon Company made a careful survey of the present needs of the rubber industry. The plant, therefore, is designed and constructed so as to produce blacks that meet the demands accurately and efficiently. Rubber production calls for blacks classified according to rate of cure and processing qualities. We have found that seven grades, from fast cure and easy processing, to slow cure and hard processing, cover practically all the requirements. Continental's plant is laid out in seven distinct, separate units. The product of each of these units can be kept separate throughout every stage of the manufacturing process—from burner tip to package. Users are therefore assured of a consistent uniformity in every grade. An exceptionally rigid system of laboratory control gives further assurance of quality and uniformity. The grades, listed below, are produced in both Compressed and Dustless forms:

CONTINENTAL A:
Fast Cure, Easy Processing

CONTINENTAL B:
Fast Cure, Medium Processing

CONTINENTAL C:
Medium Cure, Easy Processing

CONTINENTAL D:
Medium Cure, Medium Processing

CONTINENTAL E:
Medium Cure, Hard Processing

CONTINENTAL F:
Slow Cure, Medium Processing

CONTINENTAL G:
Slow Cure, Hard Processing

Continental
PRODUCED TO ME
WRITE
for the new Continental Booklet, "The Modern Trend in Carbon Black," which gives complete information on these various grades of Blacks.

Vegetable Oils Shortage Reported Acute in Italy

No imports of oilseeds for the remainder of the year 1939 will be permitted by the Italian Ministry of Foreign Trade and Exchange, notwithstanding an existing shortage of vegetable oils for both industrial purposes and for food consumption, according to a report to the Department of Commerce from the office of the American consul in Milan.

Since the Italian importation of oilseeds during the year 1938 amounted to 207,245 metric tons, of which about 43,000 tons were imported during the last quarter of the year, the seriousness of this announcement to consumers of vegetable oils in Italy is apparent. Imports during the first seven months of 1939 totaled 142,000 tons, or 5,000 tons more than were imported in the same months of 1938.

Peanuts, linseed, copra, soybeans, sesame, and sunflower and rape seeds have been the most important kinds of oilseeds imported into Italy in the recent past, the quantities of each varying from year to year in accordance with market conditions. British India has been the chief source of peanuts, Argentina of linseed, Manchuria of soybeans, the East Indies of copra, China of sesame, and Rumania of sunflower seeds and rapeseed.

The scarcity of seed oils for all purposes in Italy has become so marked during the past month that industrial users are reported to have become competitors with buyers of oils for food, particularly since the prices paid by the industries are so much higher than the levels fixed for oils sold for consumption as food.

Prices for industrial oils now run as high as lire 950 to 1,000 per 100 kilos for linseed oil and around lire 1,600 for castor oil; whereas raw seed oil for household consumption, with an acidity of 8 percent, may not be sold for more than lire 475.00, delivered at the factory, the price being controlled by the Consortium having charge of this commodity. Producers of raw seed oil, therefore, prefer wherever possible to sell their oils for industrial uses at higher prices than can be paid for household consumption.

It is reported that, owing to the scarcity of oils and fats in Italy, soap manufacturers will soon be compelled to produce a single type of soap which will be sold at a price established by the authorities. When this occurs, the manufacturers will no longer be able to pay more for raw oils than the prices established for their sale for household consumption.

Trade Briefs

Oliver Atkins Farwell, seventy-three-year-old retired botanist, has gathered together a collection of 50,000 plants from all over the world.

Chionanthus will be the first drug studied under National Formulary fellowship in pharmacognosy which has been awarded by the American Pharmaceutical Association to Horace S. Feldman, B.S., 1939 honor student and graduate at the Massachusetts College of Pharmacy.

L. M. Walker, jr., has been appointed Commissioner of Agriculture of Virginia to succeed the late George W. Koiner. He has been engaged in State agricultural work for more than twenty years, recently as administrative assistant in the department.

Drum Opening Simplified With New Safety Tool

The danger of hand injuries in opening single-trip steel drums is said to be appreciably overcome by a new drum opening tool offered by Merrill Brothers this city. The tool was especially designed to lessen the hazards involved in opening light and medium weight drums, such as the containers used in the shipment of chemicals and other materials.

The tool is used by grasping the head of the drum with the beaks of the tool,

then pressing the handles downward, keeping a guide outside of the head. The downward motion is continued until the blade has cut its full length. The grip is then released and the tool advanced slightly less than the length of the blade, and the operation repeated. Drums irregular in shape, or damaged in transit, are as easily opened by making shorter cuts.

In use the tool cuts smoothly, quickly, and evenly around the circumference of the head, folding the cut edge close to the drum, it is stated. So as to insure continued serviceability, the new tool is made of steel drop forgings, hardened and tempered, and can be resharpened when necessary. Complete information concerning the tool may be obtained by addressing Merrill Brothers, 56-04 Arnold street, Maspeth, Queens Boro, New York, N. Y., mentioning the REPORTER.

Safety Council Appoints Forney Industrial Unit Head

R. L. Forney, assistant to the managing director of the National Safety Council, has been appointed director of the council's industrial division, effective January 1, 1940. Mr. Forney will replace W. Dean Keefer, who ended twenty-one years with the council to join the Lumbermen's Mutual Casualty Company as assistant to the vice-president in charge of safety engineering, with offices in Chicago. Mr. Forney, in addition to his duties as assistant to the managing director, a post he will retain, has directed the Council's statistical division for 12 years.

Corrosion-Resistant Alloys Described by Crane Company

A new booklet entitled "Corrosion-Resistant Valves and Fittings" has just been issued by the Crane Company, manufacturer of pipe fittings. The booklet mentions the chemical and physical properties of the various alloys, their general behavior in process piping, the kinds of industries for which they are recommended, and detailed information about a large variety of valves and fittings and fabricated piping for corrosion-resisting services. It will be mailed upon request to the Crane Company, 836 South Michigan avenue, Chicago, Ill., mentioning the REPORTER.

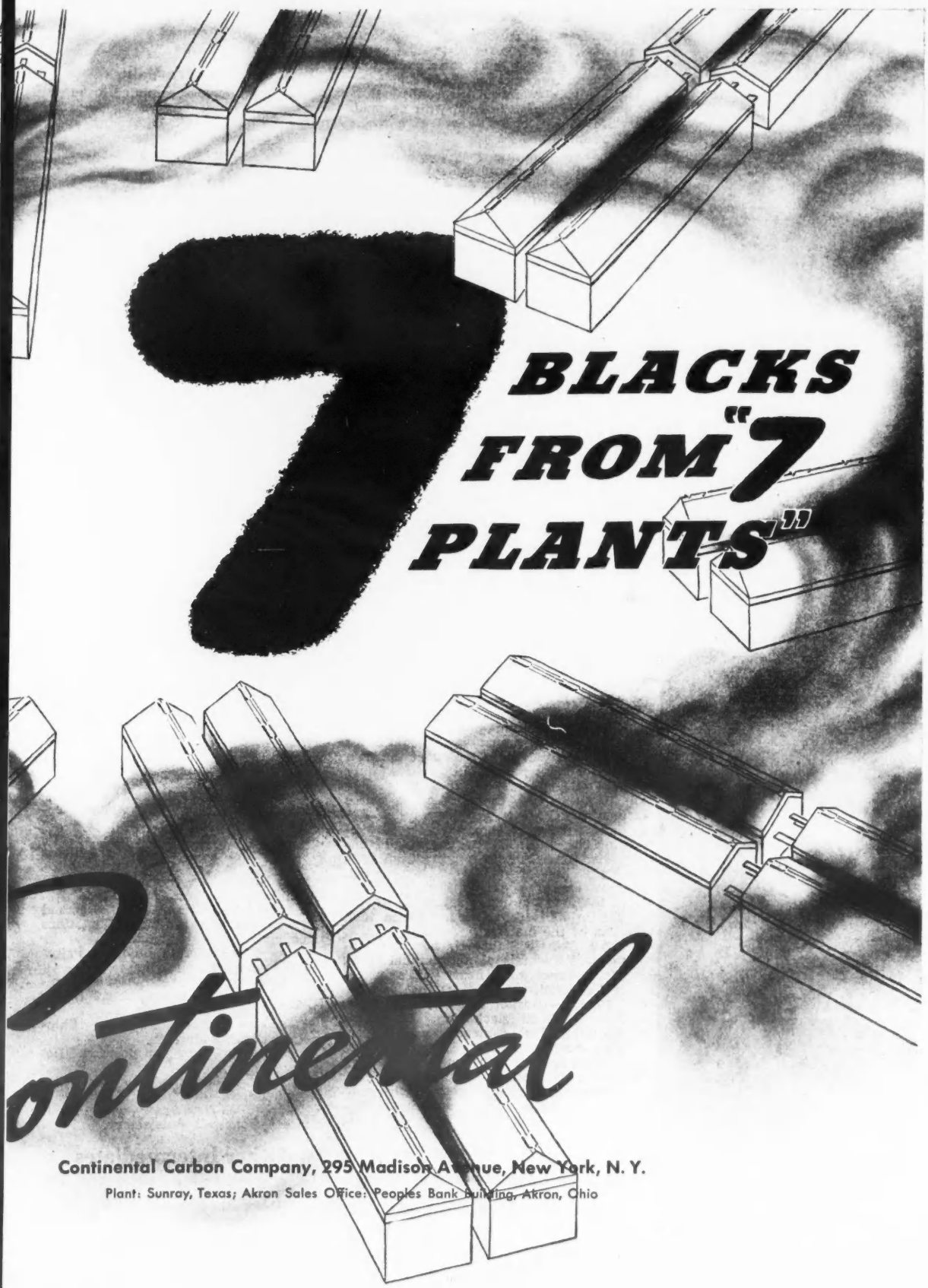
Canadian Soap Exports Off

Exports of soaps from Canada were valued at $598,135 during the first nine months of the current year which compared with $1,039,340 in the corresponding months of 1938, according to the Dominion Bureau of Statistics. The largest decline occurred in exports of toilet soaps shipments of which declined from 10,978,440 pounds in the first nine months of 1938 to 7,532,440 pounds during the current three-quarter period. Exports of other types during these periods declined from 209,219 to 155,288 pounds.

Drogin Joins United Carbon

Dr. Isaac Drogin, chief chemist for J. M. Huber Company, Inc., since 1922, has been named director of research for the United Carbon Company, Charleston, W. Va. Dr. Drogin was born in Russia and educated in the United States. He was associated with the Mellon Institute for six years prior to his joining the Huber company.

McKesson & Robbins, Inc., this city, November sales of drugs and sundries totaled $9,504,554 as compared with $9,005,906 in November last year.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Coaltar Chemicals

Solvent Naphtha Advanced — Lower Degree Xylol Prices Up —Hydrogenated Chemicals Remain Firm — Toluol Strong —Contract Renewal Work Progressing Satisfactorily

A few more price announcements covering the early part of next year made their appearance in the market for coaltar chemicals last week. Solvent naphtha xylol, three and five degree, quotations were released reflecting advances. Quotations for hydrogenated coaltar chemicals remain firm. Word was still awaited for tar acid oils and shingle stain oil to complete the announcements in the basic products. Several intermediate 1940 prices were looked for most any time, and the delay was attributed chiefly to the uncertainty surrounding basic raw material costs.

While the general demand appeared to be less active, sellers were busily engaged in making shipments against orders booked during the past several weeks. Much progress has been accomplished in satisfying demands of regular consumers, and pressure for shipments was not nearly as tense as a few weeks previous. With the price situation clarified to a large extent, contract renewal work occupied the attention of sellers. Imports were not a factor, since shipments were limited, and prices were usually above domestic levels. Inquiry for export was brisk, but actual business was restricted or passed at premium levels in most items.

Price Changes

Advanced

Naphtha, solvent, 1c. per gal.
Xylol, 5 deg., dms., 5c. per gal. tanks, 8c. per gal.
3 deg., dms., 5c. per gal. tanks, 8c. per gal.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.0	**126.8**	**125.7**	**125.7**

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Demand good. Shipments moved against contracts steadily, while work was progressing satisfactorily in renewing contracts for next year at the firm levels established recently. Production adequate to cope with demand, while export business was at a slight premium.

Coaltar.—Routine movement against contracts. Crude and refined quotations firm.

Creosote Oil.—Contract shipments to major consumers steady. Good deal of contract writing completed for next year at the unchanged levels announced previously. Export inquiry moderate.

Cresols. — Spot position of market tight. Sellers concentrating on heavy bookings against old contracts. New contract work progressing satisfactorily.

Cresylic Acid.—Inquiries not so brisk, however, shipments steady against orders placed earlier. Spot stocks not large. Contract renewals coming in promptly. Quiet market for imported material, supplies not heavy, and prices retained at the 70c. to 75c. per gallon level.

Cyclohexane.—Price will remain firm for early part of next year at 25c. per pound in drums, works, freight allowed East of Rocky Mountains. Business moderate.

Cyclohexanol. — Quotations for 98-100 percent material carried into 1940 at current basis. Buying fairly steady.

Cyclohexanone. — Sellers accepting business for early next year at the unchanged level of 58c. per pound. Transactions routine.

Methyl Cyclohexane. — Shipments limited to moderate quantities. Prices will remain at the 25c. per pound basis for the first quarter of 1940.

Methyl Cyclohexanol.—Current quotations renewed for the early part of next year. Buying fair.

Methyl Cyclohexanone.—Business for next year will be accepted at the firm price of 58c. per pound. Interest only moderate.

Naphthalene.—Domestic crude prices nominal. Business strictly routine. Refined shipments move steadily to jobbing channels. Small shipments of imported crude, prices ranging from $2.75 to $3.00 per 100 pounds. Business quiet. Italy exported during first 7 months of 1939 1,433 quintals, against 805 quintals in like 1938 period. Africa took most of the material.

Oil, Shingle Stain.—No new developments. Business along seasonal lines. Word concerning next year's prices still awaited.

Phenol.—Market under less pressure. New business slackening. Shipments steady against contracts, with orders well booked ahead. Export business only moderate. Contract renewal work nearly completed.

Pitch, Coaltar.—Interest strictly routine. Prices unaltered and firm.

Pyridin.—Sellers booked ahead on contracts. No difficulty experienced in renewing for next year.

Solvent, Naphtha.—Prices released for next year at 1c. per pound advance, making drums, works, 32c. per gallon; tanks, freight allowed, East of Omaha, 27c. per gallon. Business steady.

Tar Acid Oils.—Word concerning next year's quotations expected shortly. Interest in market only fair. Market position strong.

Toluol.—Demand exceeds supplies. Bookings made far ahead, shipments direct from production. Contract renewals well underway for next year.

Xylol.—The contract price for the 5-degree grade of one leading seller was 40c. per gallon in tanks; drums, 42c. per gallon, and 3-degree priced at 45c. per gallon in tanks; drums, 47c. per gallon. Other grades remain firm at the levels announced recently. Demand steady, and shipments moved direct from production channels.

Chicago Coaltar Bases

A generally good market tone prevails in the coaltar bases, following advances recently made in certain products. Orders for benzol have continued to involve considerable quantities of material. Toluol business has been moderately brisk. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 11c. to 11½c.; toluol, 25c.; 10-degree xylol, 30c; solvent naphtha, 27c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic. — Demand moderate. Technical and refined prices firm.

Benzoic.—Contract shipments steady, renewals satisfactory. Prices firm.

Broenner's.—No new developments. Prices unaltered and business fair.

Chlorosulphonic. — Interest fairly steady. Contract writing well underway. Market tone firm.

Cleve's.—Trade awaiting next year's prices. Spot and contract shipments moderate.

Fumaric.—Prices without change. Usual consumers buying steadily.

Gamma.—Inquiry moderate. Demand against contracts routine. Quotations unchanged.

Laurent's.—Moderate buying. Prices ruled unchanged and firm.

Maleic.—Contract renewals well underway. Shipments good, new business slightly less.

Picramic.—Prices hold firm. Shipments about steady.

Picric.—Market in firm position. Demand good.

Salicylic.—Good interest. Prices firm and unaltered.

Sulphanilic.—Technical well taken. Contract renewals satisfactory.

Other Intermediates

Alphanaphthol.—Quotations firm. Bookings against contracts good.

Alphanaphthylamine. — Withdrawals routine. Market position strong.

Anilin.—Sellers report good progress

—*Continued on page* 35

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Manganese Ore Output Shows Gain in October

Domestic production of manganese ore containing 35 percent or more natural manganese during the month of October was 3,400 long tons, shipments were 3,200 tons, and producers' stocks at the end of the month were 1,600 tons, according to the Bureau of Mines. These figures are predicated on reports received from producers that accounted for 88 percent of the total in 1938. In September production and shipments were 3,000 and 2,500 tons, respectively, and producers' stocks at the end of the month were 1,300 tons. The rate of shipments during October was considerably more than the monthly average of 2,110 tons in 1938, when the total amounted to 25,321 tons.

Arkansas, Montana, and Tennesse supplied about 86 percent of the total manganese ore shipped in October. Production was reported also from Alabama, Georgia, Utah and Virginia. According to data supplied by the Bureau of Foreign and Domestic Commerce October imports for consumption of manganese ore containing 35 percent or more manganese were 111,900 long tons containing 57,215 tons of manganese. Of the imports in October, the Gold Coast supplied 42 percent, British India 19 percent, the U.S.S.R. 30 percent, and Cuba 9 percent. For the first ten months of 1939 imports for consumption were 470,859 long tons containing 236,622 tons of manganese, of which the Gold Coast supplied 41 percent, the U.S.S.R. 22 percent, Cuba 16 percent, British India 15 percent, and Brazil 6 percent. In addition, 18,424 tons containing 5,343 tons of manganese (29 percent MN) were entered from the Union of South Africa.

General imports, which represent the movement to this country, amounted to 45,260 long tons containing 22,059 tons of manganese in October, of which Brazil supplied 17 percent, Russia 12 percent, British India 18 percent, Gold Coast 29 percent, and Cuba 24 percent. All the above ore contained in excess of 35 percent manganese; there were no receipts of ore containing 10 to 35 percent manganese in October. For the first ten months of 1939, general imports of ore containing 35 percent or more manganese were 527,304 long tons containing 260,008 tons of manganese, of which 31 percent came from Russia, 24 percent from Gold Coast, 17 percent from British India, 14 percent from Cuba, and 13 percent from Brazil. In addition, 18,424 tons containing 5,343 tons of manganese moved to this country from the Union of South Africa.

Stocks of manganese ore in bonded warehouses as of October 31 amounted to 886,020 long tons containing 437,425 tons of manganese compared with 842,048 tons containing 418,721 tons of manganese at the beginning of 1939.

Obituaries

Charles R. Walgreen

Charles R. Walgreen, chairman of the board of directors of the Walgreen Company, chain drug store operator, died in his home in Chicago, December 11 after an illness of several months. He was sixty-six years of age.

Born in Knox county, near Galesburg, Ill., Mr. Walgreen moved with his parents to Dixon, Ill., where he received his education in the public school system and later attended business college. He started his business career as a factory-hand in Dixon, in which occupation he suffered the loss of the first joint of a finger on his left hand. Following the accident he turned to other fields of endeavor and secured a position as an apprentice in a drug store in Dixon, Ill. He went to Chicago in 1893, securing work as an $18 week clerk in a drug store while he studied pharmacy at night. Returning from the Spanish-American war, in which he served with the army, Mr. Walgreen found work in a drug store at 4134 Cottage Grove avenue, Chicago, and subsequently purchased the business in 1902 from his employer, I. W. Blood. In 1909 he purchased his second store and by 1913 he owned five stores. In 1920 the company was operating twenty stores and by 1927 the total had reached 110. Today there are approximately 500 Walgreen stores in thirty-nine States. From 1907 to August 10, 1939, Mr. Walgreen had been president and general manager of the company. He was succeeded on that date as president by his son, C. R. Walgreen, Jr., and as general manager by Justin W. Dart.

In addition to his son, surviving are his wife and one daughter.

Mrs. May Barron Archbold, widow of John Foster Archbold, former president of the Prairie Oil Company, and daughter-in-law of the late John D. Archbold, former president of the Standard Oil Company of New Jersey, died unexpectedly December 11 of pneumonia at her residence in this city.

Rufus A. Cowing, former president of Harkness & Cowing Company, stearic acid and glycerin, died in his Cincinnati home December 12 following a prolonged illness. He was 86 years old.

Dr. James H. Gravell, president and founder of the American Chemical Paint Company, Ambler, Pa., died in a hospital in Abington, Pa., December 8. He was fifty-nine years of age.

Mrs. Mary A. McGinity, wife of Dr. John J. McGinity, president of the Standard Pharmaceutical Company, Baltimore, died December 12 after an illness of two weeks. She was sixty-four years old.

Karl W. Stoll, president and founder of the Pure Food Factory Hansa, Mamaroneck, N. Y., died December 11. He was fifty-four years of age.

Japan to Regulate Potash Sulphate Sales

The Japanese government will regulate distribution of existing stocks of potash sulphate and potash chloride because of low supplies and falling off of European imports.

H. B. Johnson, president of the Zemmer Company, pharmaceutical manufacturer, Pittsburgh, was one of those associated with the recently deceased George C. Hall in the organization of the company in 1904. In the obituary for Mr. Hall in the REPORTER for December 11, through one of those perversities which plague the life of an editor, Mr. Johnson's name was erroneously given as "H. B. Nelson." Apologies are humbly tendered.

Coaltar Chemicals

Other Intermediates

—Continued from page 34

renewing contracts. Demand moderately active.

Anthraquinone.—Interest steady, shipments made in fair size to dyestuff manufacturers. Prices firm.

Benzidin Base.—Orders about routine. Market tone holds firm.

Betanaphthol.—Buying of technical satisfactory. Prices well maintained.

Betanaphthylamine. — Developments of importance absent. Buying fair, and prices without change.

Diethylanilin.—Buying remains steady. Prices firm.

Dimethylanilin.—Next year's contract prices awaited. Market position firm, and demand holding up well.

Dinitrobenzene.—Business moderately active. Prices without alteration.

Dinitrochlorobenzene.—Market retains firm position. Buying steady.

Dinitrophenol.—Sellers well booked ahead. Market strong.

Dinitrotoluene.—Sellers following reserved policy in booking orders. Prices unchanged and firm.

G. Salt.—Routine buying. No change in prices.

Metanitroparatoluidin. — Prices firm. Buying holds steady.

Nitrobenzene. — Shipments against contracts made in good volume. No word concerning 1940 prices. Market firm.

Orthonitrotoluene. — Market position strong. Sellers well booked.

Orthotoluidin.—Prices firm and unchanged. Demand steady.

Paranitroanilin.—No change in prices. Consumers making good size replacements.

Paratoluidin. — Developments of importance absent. Prices unchanged and demand moderate.

Phthalic Anhydride.—Some leveling off in new business. Contract shipments steady and renewals satisfactory. Prices firm.

Thiocarbanilide.—Market holds firm. Transactions routine.

Tolidin Base.—Business moderately active. Prices without change.

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Coaltar Colors

A moderate demand was the general rule in the market for various coaltar colors last week. Most consumers were inclined to limit purchases to cover nearby requirements at this time. Sellers were now concerned with contract renewals for next year, and reports to date were very gratifying. As recorded the preceding week, leading producers were adhering to quotations in force previously covering the first quarter of 1940. A good inquiry prevailed in the export market, and some good size shipments were made to countries formerly supplied by belligerent nations.

The European war has seriously affected Indian imports of textile dyes, and the American consulate at Bombay has been requested by the Millowners' Associations, representing more than 100 mills, as well as many manufacturers, to ascertain how much of the needed materials can be supplied by United States manufacturers. Accredited American firms wishing more complete data regarding India's needs of these products should contact the Chemical Division, Bureau of Foreign and Domestic Commerce, Washington, D. C.

Ballard Heads Export Sales For American-British Chem.

Walter H. Ballard was appointed recently export manager of the American-British Chemical Supplies, Inc., manufacturers' agent, this city. Mr. Ballard has been identified with export sales since 1929, the year in which he became affiliated with the Royal Dutch Shell Oil Company. He was for a time associated with the Pan American Petroleum Company in Mexico and leading firms in New York. He is a fluent linquist, having command of eight languages including Chinese.

Tar distillation and pitch production in Scotland has shown a decrease of about 4 percent in 1938 compared with 1937.

Pepsi-Cola Company, Long Island City, directorate voted a bonus for employees amounting to two weeks' salary for those employed one year or more and one week's salary for those employed less than one year.

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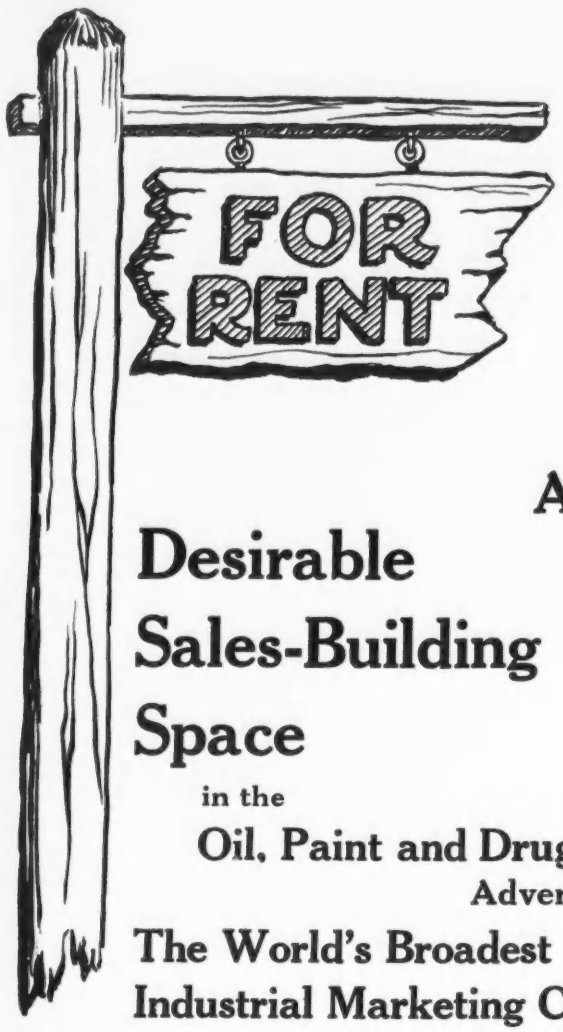

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(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Alphagammadi-iso-octylcyclohexyl Glyceryl-ether

Chemical

Starting point (Brit. 499879, 500032, 500033, and 500034 in making—
Detergents Leveling agents
Dispersing agents Penetrating agents
Emulsifying agents

Barium Paranaphth-amidobenzoate

Rayon

Delustring agent (U.S. 2069773 and 2069774) for—
Cuprammonium products
Nitrocellulose products
Viscose products

Chloroformoxime

Dye

Starting point in making—
Intense red coloring agent, with ferric chloride

Explosives

Starting point in making—
Metafulminuric acid, with sodium hydrate and ammonia

Military

As a poison gas (lachrymator and vesicant)

4-Chlorometatoluidin

Chemical

Reactant in—
Organic syntheses

Dye

Reactant in making—
Synthetic dyestuffs
Starting point (Brit. 436095) in making—
Dyestuffs for wool (ranging in color from orange to red) by reacting with—
Betanaphthol and a copper salt
Betanaphthol-5:7-disulphonic acid and a copper salt
F-acid and a copper salt

Diethyleneglycol Citrate

Ceramic

Plasticizer and softener (U.S. 2115700) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer and softener (U.S. 2115700) for—
Cellulose esters and ethers

Cosmetic

Plasticizer and softener (U.S. 2115700) in—
Nail enamels and lacquers containing cellulose esters as base material

Electrical

Plasticizer and softener (U.S. 2115700) in—
Insulating compositions, containing cellulose esters, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer and softener (U.S. 2115700) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Glue and Adhesives

Plasticizer and softener (U.S. 2115700) in—
Adhesive compositions containing cellulose esters or ethers

Leather

Plasticizer and softener (U.S. 2115700) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

Metal Fabricating

Plasticizer and softener (U.S. 2115700) in—
Compositions, containing cellulose esters or ethers, use as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer and softener (U.S. 2115700) in—
Coating compositions, containing cellulose esters or ethers, used for protecting and decorating various articles

Paint and Varnish

Plasticizer and softener (U.S. 2115700) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose esters or ethers

Paper

Plasticizer and softener (U.S. 2115700) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated papers and as coatings for decorating and protecting articles made of paper or pulp

Photographic

Plasticizer and softener (U.S. 2115700) in making—
Films from celluiose esters or ethers

Plastics

Plasticizer and softener (U.S. 2115700) in making—
Laminated fiber products
Molded products
Plastics from or containing cellulose esters or ethers

Resins

Plasticizer and softener (U.S. 2115700) in making—
Artificial resins from or containing cellulose esters or ethers

Rubber

Plasticizer and softener (U.S. 2115700) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating rubber goods

Stone

Plasticizer and softener (U.S. 2115700) in—
Compositions, containing cellulose esters or ethers, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer and softener (U.S. 2115700) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated fabrics

Wood

Plasticizer and softener (U.S. 2115700) in—
Compositions, containing cellulose esters or ethers, used as protective and decorative coatings on woodwork

Di-isopropanolamine Amygdalate

Pharmaceutical

Claimed (Brit. 496004) as—
Urinary antiseptic (used in conjunction with ammonium chloride or ammonium nitrate)

Dodecyldimethyl-sulphonium Methyl-sulphate

Disinfectant

Bactericide (U.S. 2155504) for—
Coli bacilli (1:1000)
Diphtheria bacilli (1:10,000)
Staphylococci (1:10,000)
Typus bacilli (1:1000)

4-Hydroxydiphenyl-3-carboxylic Acid

(Acide de 4-Hydroxyediphenyle-3-carbonique, Acide de 4-Hydroxyediphenyle-3-carboxylique, 4-Hydroxydiphenyl-3-carbonsaure)

Chemical

Starting point in making—
Intermediates and other derivatives

Dye

Starting point in making—
Intermediates and other derivatives
Starting point (Brit. 437675) in making—
Coupling components for ice colors and pigments with—
Anilin
Betanapthylamine
3:6-Diaminocarbazole
4:4'-Diaminodiphenylmethane
1:5-Diaminonaphthalene
4:4'-Diaminostilbene
Dianisidin
Metatoluidin
Meta-4-xylidin
Orthoanisidin
Orthotoluidin
Paranitroanilin
Paraphenylenediamine
Paratoluidin

Isobutyl Malate

Chemical

Reactant in—
Organic syntheses

Food

Volatility reducing agent (Brit. 435272) for—
Flavoring agents used in food preparations, such as jellies, jams, puddings, desserts, preserves, and the like

Kappagammahydroxy-butylundecolactone

Perfume

Musklike odorant (Brit. 440416, 452242, and 452272) for—
Perfumes of various kinds

Lead Arsenate

(Arseniate de Plomb, Arseniato di Piombo, Arseniato de Plomo, Arseniksauresblei, Arsensauresblei, Bleiarsenat)

Animal Husbandry

Toxic agent (U.S. 1242955) in—
Sheepdips

Building Construction

Toxic agent (U.S. 2129659) in—
Saturating composition for feltbase building paper (said to be termite- and insectproof)

Insecticide and Fungicide

Insecticide
Larvicide
Stomachic poison
Toxic agent in—
Animal washes
Dusting compositions
Insecticidal compositions
Larvicidal compositions
Mixed compositions
Spray compositions
Stomach poisons
Toxic agent in compositions for combatting—
Boll weevil
Chewing insects
Chewing-sucking insects
Chewing-sucking insects, fungous diseases
Codling moth
Gypsy moth
Sucking insects
Toxic agent in compositions for protecting—
Apple trees Peach trees
Apricot trees Pear trees
Cherry trees Plum trees
Cotton plants Pome-fruit trees
Grape vines Stone-fruit trees
Nectarine trees
Tender-leaf plants and trees
Toxic agent in miscellaneous—
Animal washes (U.S. 1242955)
Fungicidal compositions (U.S. 1182760, 1235285, 1501427, and 1514377)
Insecticidal compositions (U.S. 1156954, 1166387, 1235285, 1242955, 1252510, 1322008, 1324300, 1376153, 1390647, 1393474, 1415323, 1416526, 1417232, 1501427, 1511623, and 1514377)
Toxic agent in admixture with—
Bordeaux mixture and nicotine
Bordeaux mixture and soap
Bordeaux mixture, nicotine, and soap
Kerosene emulsions
Lime-sulphur and nicotine
Milk of lime
Milk of lime and nicotine
Nicotine
Nicotine-soap solution
Soap solutions

Paint and Varnish

Toxic agent in—
Antifouling paints

Wood

Toxic agent (U.S. 1182760) in—
Compositions for preserving wood from the attacks of—
Insects Parasites
Moulds Teredo

1-Methylamino-4-beta-bromoethylamino-anthraquinone

Dye

Reactant in making—
Synthetic dyestuffs
Starting point (Brit. 481942) in making—
Dyestuffs with affinity for cellulose acetate by reacting with—
Diethylanilin Triethylamine
Dimethylanilin Trimethylamine
Pyridin Triphenylamine

Tetrachloromethyl Ether

Military

As a poison gas (lachrymator)

Tolylheptadecyl Ketone, Trichlorinated

Lubricant

Claimed (Brit. 481338 and 487642) as—
Lubricant
Starting point (Brit. 481338 and 487642 in making—
Extreme pressure lubricants by admixture in equal parts with Pennsylvania bright stock

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Various Chemical Colors Reduced—Bone Glue Advanced—Lacquer Price Changes Mixed—Varnish Gums Steady—Naval Stores Firm—General Demand Quiet

Major producers reduced prices on various chemical colors early last week, overriding their previous decisions to deliver during the first three months of 1940 at unchanged figures. They began booking at previous levels two weeks ago, but with the decisions to make certain reductions, contract revisions were made. The colors reduced were Prussian and milori blue, eosin, lithol and para toners, lacquer maroon and chrome yellow.

Another major development of the week was an advance in the price of bone glue. This increase had been expected for several weeks and the move was not a surprise to the trade. Hide glue prices were strong. Various lacquer materials were revised, the changes being both advances and reductions. The varnish gum market was very firm in primary sources and the firmness was reflected in this country by advances in both copal and dammar gums. Some dammars were reduced. The majority of paint materials were in less demand during the period, indicating that buyers were anxious to hold down their stocks in view of the approaching year-end inventory period. Rosin and turpentine prices had an upward tendency at times in Southern and local markets, though changes were not very wide. New business was quiet, but the movement into consuming channels apparently held up well for this period of the year. Primary receipts showed an increase, due to the marketing of the scrape crop.

Metallic Lead and Zinc

The pig lead market was steady and shipments were regular. The slab zinc price was still theoretically split, but all sellers supplied at 6c. per pound, basis East St. Louis.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from December 9 to December 15, inclusive, were as follows:—

	Pigs		Spot, London, Per ton
	Per pound		
	New York, E. St. Louis.		£ s. d.
Saturday	$0.0550@.0555	$0.0535	..* .. ..
Monday	.0550@.0555	.0535	.. .. ..
Tuesday	.0550@.0555	.0535	.. .. ..
Wednesday	.0550@.0555	.0535	.. .. ..
Thursday	.0550@.0555	.0535	.. .. ..
Friday	.0550@.0555	.0535	.. .. ..

* London exchange closed.

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from December 9 to December 15, inclusive, were as follows:—

	Slabs		Spot, London, Per ton
	Per pound		
	New York, E. St. Louis.		£ s. d.
Saturday	$0.0640	$0.0600	..* .. ..
Monday	.0640	.0600	.. .. ..
Tuesday	.0640	.0600	.. .. ..
Wednesday	.0640	.0600	.. .. ..
Thursday	.0640	.0600	.. .. ..
Friday	.0640	.0600	.. .. ..

* London exchange closed.

Pigments

Antimony White.—Sales limited—price nominal.

Litharge.—Market quiet with price steady.

Lithopone.—Contracting for 1940 brisk, but spot market quiet. Price firm.

Metronite.—Price firm, with demand at same level.

Orange Mineral.—Demand off but price reflected steadiness of metal market.

Red Lead.—Battery-makers small buyers. Price steady.

Titanium Pigments.—Contract negotiations proceeding satisfactorily but spot market slacker. Price firm.

White Lead.—Contracting better than the previous week. Spot market quiet with price firm.

Zinc Oxides.—Conditions surrounding the market unchanged with demand light and prices firm.

Fillers and Extenders

Barytes.—Contracting for 1940 brisk at quoted prices. Spot market quiet.

Blanc Fixe.—Poor demand and deliveries in small lots. Price steady.

Charcoal.—Hardwood material in fair demand with price firm.

China Clay.—Buyers showing little interest. Price steady.

Price Changes

Advanced

Alcohol, butyl, secondary, 1c. per lb.
Butyl acetate, secondary, 1c. per lb.
Ethyl acetate, 85-90%, 4-10c. per lb.
Ethylene dichloride, ½c. per lb.
Glue, bone, c.l., bgs, ½c. per lb.
Gum copal, c.l., ¾c. to 1½c. per lb.
dammar, c.l., ⅞c. per lb.
Methylethyl ketone, ½c. per lb.
Rosin, medium grades, 5 & 15c. per 280 lbs.
Turpentine, gum, ½c. per gal.

Reduced

Blue milori and Prussian, 3c. per lb.
Diethanolamine, ½c. per lb.
Diethyleneglycol, 1½c. per lb.
monoethylether, ½c. per lb.
Ethyl acetate, 95-98%, 1-10c. per lb.
Ethyleneglycol, 1½c. per lb.
monobutylether, 1½c. per lb.
monoethylether, ½c. per lb.
monoethylether acetate, 1½c. per lb.
monomethylether, 1½c. per lb.
Red, eosin toner, 35c. per lb.
lacquer maroon, 40c. per lb.
lithol toner, 7c. per lb.
para toner, 5c. per lb.
Rosin, gum, B, 10c. per 280 lbs.
Yellow, chrome, 1c. per lb.

Comparative Vaues

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.3	131.2	131.2	131.7

Market news that may have developed after this report was sent to press will be found on page 4.

Graphite.—Spot market quiet with quoted figures unchanged.

Gypsum.—Contracting for 1940 was underway with price unchanged.

Mica.—Bookings for 1940 delivery proceeded at brisk rate. Price steady.

Rottenstone.—Demand was fair and the price firm.

Talc.—Imported material was nominal and interest in domestic product centered on 1940 contracting.

Tripoli.—Contracts were being written for 1940 delivery at unchanged price, although the entire trade had as yet failed to take a definite stand.

Whiting.—Steady and unchanged with contracting for first quarter at unchanged price.

Woodflour.—Imported material was nominal although fair-sized shipments were arriving from Norway.

Varnish Gums

Copals.—The market abroad was very firm and the trade in this country reflected that firmness. A total of thirteen advances was made, the increases ranging from ⅜c. to 1½c. per pound.

Dammars.—Four types of gum were revised, three changes being reductions and two being advances. The reductions ranged from ⅜c. to ½c. per pound and the advances were ⅞c. per pound each.

Elemi.—Reports from abroad indicated a very firm market position and,

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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although no price changes were made, domestic conditions mirrored this firmness.

Synthetic Resins

Ester Gum.—Spot demand was light. Contracting for delivery in 1940 year picked up somewhat but was not expected to become very active until the new year. Price was steady at 6½c. to 6¾c. per pound for delivery in New York.

Chlorinated Rubber.—Contracts for the new year will be offered late this week or early next week. Probability is that present price will be maintained.

Driers

Contract deliveries of stearates and palmitates were small last week with most buyers already in possession of their supplies. No announcements were made regarding prices for the first quarter of 1940.

Bronze Powders

The spot demand for aluminum powder and paste was very light, but contracting for the first quarter was proceeding briskly. Other bronze powders and metal leaf were firm and in fair demand.

Naval Stores

A steady or firm tone prevailed in Southern and local markets for rosin and turpentine last week. Price movements were not very wide, but the trend was upward at times, rosin recovering the losses recorded in the previous period and turpentine moving up fractionally. New business in primary centers was reported as of the same conservative character usually noted at this season when consumers and dealers are not disposed to purchase ahead to any extent on the eve of the inventory-taking period. There was a steady movement of rosin into consuming channels on contracts, however, and to some the indications still seemed to point to a gradual expansion in consumption in important industries. There were reports of occasional export inquiries though transactions apparently did not involve important quantities.

Receipts at primary points showed a tendency to increase, this being regarded as a normal development for this period when the gathering of the scrape crop usually brings about some expansion in the movement. This is expected to prove only temporary, however, as stocks of rosin and turpentine in the hands of producers are believed to be abnormally light. The opinion exists, too, that the indications still point to a decrease in production for the current naval stores season of fully 30 percent as compared with the previous year. The weekly statistical exhibit of stocks under government control on loans to producers again made a bullish showing. Stocks of rosin decreased 7,518 barrels and 4,394 drums for the period, while turpentine holdings fell off 3,415 barrels.

CCC Loan Holdings

The following table shows the stocks of rosin and turpentine held December 8 by the CCC under loans on the 1938 crop:—

	Rosin		Turpentine.
	Barrels.	Drums.	Barrels.
Savannah	119,194	25	.....
Jacksonville	184,896	112	5,214
Brunswick	96,226	2,453	.....
Mobile	14,836	6,175	.....
Pensacola	26,493	.....	.....
Valdosta	122,779	217	.....
Totals	564,424	8,982	5,214
Pre-week	571,942	13,376	8,629

Turpentine.—Business in turpentine in the local market last week was mainly of the small lot variety, the movement of such quantities being fair. The market had a firmer tone, this being a reflection of developments in the South, where the tendency was upward at times, though changes in prices were narrow.

SAVANNAH, Dec. 15.—Turpentine fairly active. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	26½	66	118	10	28,026
Tuesday	26½	22	232	1,010	27,249
Wednesday	26¾	19	172	336	27,085
Thursday	27	42	110	...	27,195
Friday	27	60	132	4	27,323

* No trading.

JACKSONVILLE, Dec. 15.—Turpentine quiet. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	26	...	219	...	53,100
Tuesday	26	...	202	5	53,306
Wednesday	26	...	172	...	53,478
Thursday	26	...	158	1	53,635
Friday	26	...	134	480	53,289

* No trading.

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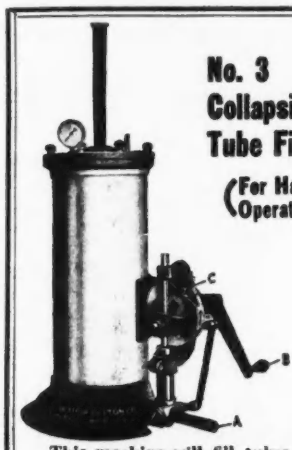

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PENSACOLA, Dec. 9.—Turpentine quiet and steady. Following is a record of the market for the week:—

	Barrels		
	Receipts.	Shipments.	Stocks.
Monday	88	79	18,600
Tuesday	88	...	18,688
Wednesday	92	2	18,778
Thursday	5	...	18,783
Friday	35	122	18,696
Saturday	2	...	18,698

CHICAGO, Dec. 15.—Turpentine buying moderate. Ruling prices at the close of business last night were:—Five-drum lots, 34c. per gallon; five wood barrels, 39c.; single drums, 37c.; single barrels, 42c.

LONDON, Dec. 15.—Turpentine 59s. 6d. per 112 pounds. Stocks of American as follows:—

	Dec. 15.	Previous week.	Last year.
Barrels	17,721	18,040	29,817

Rosin.—The local market had a firmer tone as the trend of primary quotations was upward at times. Local buyers were not disposed to purchase in advance of current needs but there was a fair demand for moderate lots. Receipts in primary markets showed some increase.

SAVANNAH, Dec. 15.—Rosin demand fair. Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$4.00	$4.00	$4.00	$4.00	$4.00
D	...	4.00	4.00	4.00	4.00	4.10
E	...	4.75	4.70	4.75	4.75	4.75
F	...	4.95	4.85	4.90	4.90	4.90
G	...	5.10	5.00	5.10	5.10	5.10
H	...	5.15	5.10	5.20	5.20	5.20
I	...	5.20	5.25	5.30	5.30	5.30
K	...	5.25	5.30	5.40	5.40	5.40
M	...	5.45	5.40	5.40	5.45	5.45
N	...	5.50	5.45	5.45	5.45	5.45
WG	...	5.60	5.55	5.60	5.65	5.65
WW	...	6.20	6.20	6.20	6.20	6.20
X	...	6.20	6.20	6.20	6.20	6.20
		Barrels				
Sales	...	147	307	209	131	...
Receipts	...	1,106	1,491	1,088	641	1,379
Shipments	...	555	6,003	125	...	882
Stocks	...	30,510	225,998	226,961	227,002	228,099

* No trading.

JACKSONVILLE, Dec. 15.—Rosin tone firm. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.75	$3.75	$3.75	$3.75	$3.75
D	...	4.00	4.00	4.00	4.00	4.00
E	...	5.05	5.05	5.05	5.05	4.75
F	...	5.10	5.10	5.10	5.10	4.90
G	...	5.20	5.00	5.20	5.20	5.10
H	...	5.35	5.35	5.35	5.35	5.15
I	...	5.35	5.35	5.35	5.35	5.20
K	...	5.35	5.35	5.35	5.35	5.35
M	...	5.40	5.40	5.40	5.40	5.37½
N	...	5.45	5.45	5.45	5.45	5.45
WG	...	5.70	5.70	5.70	5.70	5.55
WW	...	6.30	6.30	6.30	6.30	6.30
X	...	6.30	6.30	6.30	6.30	6.30
		Barrels				
Sales	...	...	...	...	...	24
Receipts	...	219	1,206	1,156	1,445	1,672
Shipments	...	343	83	100	420	1,555
Stocks	...	352,073	353,786	354,852	355,877	357,994

* No trading.

PENSACOLA, Dec. 9.—Rosin quiet. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	343	327	270	158	138	14
Shipm'ts	5	1	...	185	...	...
Stocks	60,310	60,636	60,906	60,897	61,017	61,031

CHICAGO, Dec. 15.—Rosin quieter. Ruling prices at the close of business last night were:—B grade, $7.10 per lot of 280 pounds; G grade, $8.15; M grade, $8.45; W.W. grade, $9.20.

LONDON, Dec. 15.—Rosin, fine, 28s. 6d. per cwt; W.W., 35s.

Pine Oil.—Purchasing generally limited to moderate lots as usual at this season. Market steady.

Pitch.—Prices stationary and tone firm. Fairly active demand for small or moderate lots.

Rosin Oil.—Raw material steady and quotations on rosin oil held at former levels. Demand fair.

Tar.—Selling schedules unaltered. Business moderately active.

Dry Colors

Bone Black.—Contracting was fair at the advanced price reported three weeks ago.

Carbon Black.—Producers held to the advanced prices established three weeks ago and contracting for the first quarter of 1940 was at a good level.

Chrome Green.—Inquiry was a bit better and contracting for January-March delivery was fair. Price unchanged.

Chrome Yellow.—The price was reduced 1c. per pound to 13½c. for contract and 14½c. for spot.

Copper Blue.—The copper phalocyanine blue material was in light demand and interest centered on 1940 contracting at unchanged prices.

Eosin Toner.—The price was reduced 35c. per pound to level of $1.25 for delivery in barrels.

Iron Blues.—Both the Prussian and milori blues were reduced 3c. per pound to 33c. for contract and 34c. for open order.

Lacquer Maroon.—The price was reduced 40c. per pound to $1.25 for contract and spot.

Lamp Black.—Demand light, with price unchanged for first quarter.

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Lithol Toner.—The alizarin lake color was reduced 7c. per pound to 55c. for contract and 60c. for open order.

Para Toner.—The concentrated material in kegs was reduced 5c. per pound to 70c. for contracts and 75c. for open order.

Ultramarine Blue.—Contracting for 1940 held the interest of the trade with sales being negotiated for delivery during the first three months at unchanged prices.

Vandyke Brown.—Quotations were strictly nominal. Stocks were very low with no reports of expected imports from Germany.

Vermilion.—The anticipated advance in English vermilion failed to materialize and sales were still made at $2.46 to $2.55 per pound.

Shellac

Shellac was a strong and comparatively high cost article in Calcutta last week. On the basis of current exchange, it would have cost fully 15c. per pound to buy T. N., landed in New York. Activity at the source suggested the possibility of some speculation as being the answer to the present strong situation. However, it seemed more likely that the situation was based on conditions arising from the war. The spot market continued firm at recently advanced prices. Sellers reported very good activity, though possible in a volume somewhat under that featuring the market in the not far distant past. Fair stocks for manufacturing purposes were present and the bleachers were consuming substantial quantities in keeping up with deliveries and preparing to meet their commitments.

Lacquer Materials

Several price revisions were announced in the market for lacquer materials and solvents last week. Ethyleneglycol and compounds were generally lower as were diethyleneglycols. Butyl alcohol and acetate secondary followed advances in the normal. Ethyl acetate prices were revised. Fractional advances were made in methylethyl ketone and ethylene dichloride. Isobutyl alcohol prices were advanced and schedule now on works basis instead of freight allowed. Demand was steady, and sellers were gradually catching up with deliveries.

Alcohol, Butyl.—Prices 1c. per pound higher for secondary. Tanks, freight alowed, 6½c. per pound; car lots, drums, 7½c. and less car lots 8c. per pound. Demand steady.

Alcohol Isobutyl.—Schedule revised, prices computed on works basis instead of freight allowed as follows: tankcars, 5.9c. per pound and 55 gallon drums 6.9c. per pound. Business active.

Butyl Acetate.—Secondary advanced 1c., making tanks, freight allowed, 6½c. per pound; car lots, drums, same basis, 7½c. per pound and less car lots, 8c. per pound. Shipments steady.

Diethanolamine.—Quotations lowered ½c. making tanks 22½c. per pound; car lots, 23½c. per pound and less car lots 24½c. per pound.

Diethyleneglycol.—Market 1½c. per pound lower; car lots, works, 14½c. per pound and less car lots 15½c. per pound. Demand steady.

Diethyleneglycol Monoethylether.—Prices reduced ½c. to the basis of 13½c. per pound in tanks; car lots, 14½c. per pound and less car lots, 15½c. per pound.

Ethyl Acetate.—Schedule adjusted as follows:—85-90 percent, tanks, freight allowed, 6½c. per pound; car lots, 7½c. per pound and less car lots, .08c. per pound; 95-98 percent, tanks, 6¾c. per pound; car lots, 7¾c. per pound and less car lots, 8¼c. per pound. Shipments moderately active.

Ethylene Dichloride.—Schedule East of Rockies ½c. per pound higher, car lots, freight allowed .0595c. per pound; less car lots .0694c. per pound. Business steady.

Ethyleneglycol.—Quotations revised downward 1½c., making tanks, 13½c. per pound; car lots, drums, 14½c. and less car lots 15½c. to 18½c. Demand active.

Ethyleneglycol, Monobutylether.—Market 1½c. per pound lower, tanks, works, 15½c. per pound; car lots and less car lots 1c. per pound higher, respectively.

Ethyleneglycol Monoethylether.—Prices reduced ½c. per pound to the basis of 13½c. per pound in tanks. Shipments steady.

Ethyleneglycol monoethylether Acetate.—Schedule revised downward 1½c. making tanks 10½c. per pound. Business moderately active.

Ethyleneglycol Monomethylether.—Quotations lowered 1½c., tanks, 14½c. per pound, car lots, 15½c. and less car lots, 16½c. to 19½c. per pound.

Methylethyl Ketone.—Prices ½c. higher with tanks, 5½c. per pound, car lots, 6½c. and less car lots 7c. per pound. Shipments against contracts active.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Glues and Binders

Casein.—The influx of Argentine material continued unabated last week but reports from that South American country indicated that production was falling off. Domestic output was light. Demand was at about the same level and major suppliers held previously-quoted prices.

Glues.—Bone glues were advanced ½c. per pound to a level of 13½c. to 15½c. Hide glues were strong but no prices were changed.

Soybean Protein.—The market was unchanged with the quoted price firm.

Trade Briefs

American Zirconium Corporation, will add a three-story building to its East Baltimore plant.

Golden Gate Paint Club will hold its annual Christmas party December 21 in the Palace hotel, San Francisco.

American Smelting & Refining Company, this city, has named Saunders Jones sales manager of Whiting, Ind., branch.

Baltimore Paint Salesmen's Club held a Christmas party December 8, with approximately forty-eight members and guests in attendance.

Maryland Fibre Product Company's Baltimore plant was damaged by fire of undetermined origin December 11. Loss was estimated at $25,000.

Callahan Zinc-Lead Company had let a contract for construction of a 100-ton selective flotation mill at the recently acquired Duquesne, Ariz., mine.

W. Robert Melville, Buffalo manager of the National Lead Company, is taking an active part in the program of the Forty Plus Club, an organization of business executives over forty years of age who are helping each other to obtain employment.

Ertel Engineering Corp. Moves

The Ertel Engineering Corporation manufacturer of industrial machinery and other equipment, is transferring its plant and executive offices to Kingston, N. Y., where modern spacious quarters have been taken at 44 Mill street. Fred J. K. Ertel is president of the organization. It is stated that the company will be completely established in its new location about January 1. A New York city office will also be maintained by the Ertel company at 38-40 West 48th street under the direction of Francis X. Dealy. Its telephone number is BRyant 9-0538.

Continental Carbon Promotes McKinney and Minnig

The Continental Carbon Company, this city, has promoted C. E. McKinney to the office of vice-president in charge of operations and C. J. Minnig has been named vice-president in charge of sales. Mr. McKinney, formerly superintendent of carbon black operations, will continue to make his headquarters at the company's plant in Sunray, Tex., and Mr. Minnig, formerly salesmanager, is located at the company's Akron, Ohio, office.

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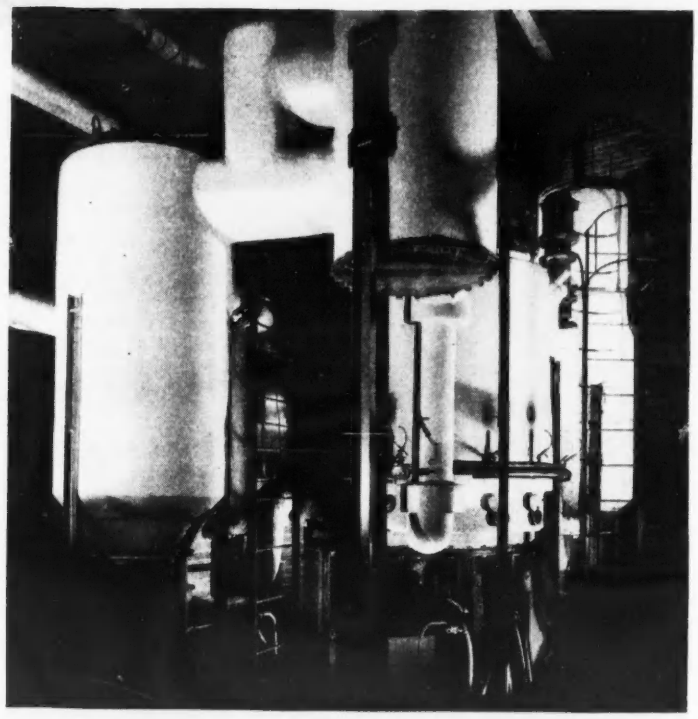
SYNTHETIC RESINS



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Oils, Fats, and Waxes

Cottonseed Oil Consumption Down But Prices Rise with Lard —Linseed and Soybean Oils Advanced—Chinawood Stronger —Perilla in Demand and Higher — Tallow Steadier

A firmer tone prevailed in the market for miscellaneous oils, fats and greases last week, price increases being recorded in some of the more important products, and the REPORTER'S index number showing an advance after having declined steadily since the opening of October. This reversal of trend was due in the main to a display of strength by the markets for cottonseed oil, lard, flaxseed and soybeans, developments in these commodities stimulating demand for various oils and fats.

Consumers were still disposed in many cases to adhere to a conservative course in making purchases, as usual at this season, but an increase was noted in the volume of inquiries and orders received, and sentiment in selling quarters continued to exhibit improvement, despite a rather bearish showing in the monthly cottonseed report from the Census Bureau which indicated a further contraction in the consumption of refined cottonseed oil during November, the disappearance for the month being about 87,500 barrels smaller than in the previous month, though consumption for the first four months of the current season has exceeded that in the same time last season by 225,000 barrels.

Chinawood Oil

The local market for chinawood oil was firmer, 24½c. per pound being an inside quotation for tankcars, showing an advance of ½c. Other sellers continued to ask 26c. to 27c. per pound. As in recent preceding weeks supplies available for prompt delivery were in all instances small, recent arrivals apparently having been applied mainly on contracts. There were offerings for December-January delivery at 25c. per pound and business was reported to have been closed on that basis. Fractionally higher figures were named in some quarters. Further importations were reported here of 1,035 tons from Hongkong and 150 drums from Shanghai.

SAN FRANCISCO, Nov. 13.—Chinawood oil continued strong, with sales increasing. Quoted at 26c. per pound in tankcars, f.o.b. Pacific Coast ports.

Vegetable Oils

Coconut.—Crude oil was reduced to 3½c. per pound in tankcars early in the week, but later on the market turned firmer in company with other commodities, and the price was moved up to 3⅝c. Business showed an improvement. Refined oil was in fair demand and steady.

SAN FRANCISCO, Nov. 13.—Coconut oil 3¼c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills, but buyers are not coming in on these prices. Best bids today 3 cents and business is slow. Copra down to 1.95c. per pound, c.i.f. Pacific Coast.

Corn.—An upward trend in other commodities was reflected in the market for crude corn oil, prices being advanced ¼c. Inquiry more active. Offerings generally light. Refined fairly active and firm.

Cottonseed.—Edible oil met with a somewhat better inquiry for moderate quantities. The market appeared to be steadier.

Oiticica.—A firm tone continued to prevail. Quotations more or less nominal owing to smallness of supplies. Some dealers out of market.

Olive.—Tone apparently steadier but prices generally held at previous levels. Denatured oil more active in a jobbing way. Fair demand for spot foots. Shipment offerings reported light. According to a consular report from Athens, the Greek Ministry of Agriculture estimates the 1939 production of olives at 70,000 metric tons and olive oil at 145,000 metric tons, compared with the 1938 figures of 20,000 and 85,000 tons, respectively.

Palm.—Niger firm on spot. Supplies small and offerings for arrival light. Inquiry fairly active.

Peanut.—Crude firm and ⅛c. to ¼c. higher. Offerings light and quotations mainly nominal. Inquiry somewhat better.

Perilla.—Firmer, quotations again being advanced ½c. or more by some importers. Inquiry more active. Spot stocks apparently light and diminishing.

Rapeseed.—Quiet with offerings light and prices firm.

Soybean.—Beans were stronger in the west, prices moving up to new high levels. Export and speculative buying reported more active. Oil firmer with an increase in request, partly for export. Offerings for future delivery reported light, owing to strength of beans. Prompt shipment oil up ½c.

Teaseed.—Firm with quotations largely nominal. Inquiry quiet. Stocks reported small here and outside.

Price Changes

Advanced

Candelilla wax, ½c. per lb.
Chinawood oil, ½c. per lb.
Corn oil, crude, ¼c. per lb.
Cottonseed oil, crude, ¼c. per lb
Lard, 15c. to 25c. per 100 lbs.
Linseed meal, 50c. per ton.
Linseed oil, ½c. per lb.
Perilla oil, 1c. per lb.
Soybean oil, ½c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
104.2	**102.8**	**106.0**	**101.5**

Market news that may have developed after this report was sent to press will be found on page 4.

Markets at Other Centers

San Francisco, Dec. 13.—Paint oils active; edible products quiet.

OITICICA.—Raw, liquid, oil quoted 19c. to 20c. per pound in drums, f.o.b. Pacific Coast ports for spot shipment or forward delivery out of Brazil.

COTTONSEED.—Domestic bleachable, quoted 7⅜c. per pound in tankcars, f.o.b. mill, northern California.

PERILLA.—Trading was registered on a fairly good volume at 15c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills for nearby to deferred shipment.

RAPESEED.—Refined and denatured oil quoted 7¾c. per pound in tankscars, nominally, f.o.b. Pacific Coast ports for prompt or forward deliveries.

Chicago, Dec. 15.—A slightly firmer price trend noted in the general vegetable oil market. Buying has been a little better.

COCONUT.—Coast basis, December-forward, 3⅜c. to 3½c. per pound. Refined, edible oil, 9c. to 9¼c. per pound, drums, car lot; 9½c. to 9¾c., drums, less than car lots.

CORN.—Crude, low acid, 5¾c. to 5⅞c. per pound, nominal. Refined, edible oil, 8¼c. to 8½c. per pound, barrels, car lots; 8¾c. to 9¼c., barrels, less than car lots.

PEANUT.—Crude, mills, December-forward, 7c. to 7⅛c. per pound.

SOYBEAN—Crude, mills, 4⅞c. to 5c. per pound, December-forward.

The market for soybeans on the Chicago Board of Trade was active with the price trend mainly upward. New high records were established for the current movement. Cash demand was good, partly for export. Commission houses were buyers of futures. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Dec. 15.	Closing Dec. 8.
Cash, No. 2..	$1.18½	$1.08½	$1.17½	$1.06½
May	1.19½	1.07½	1.15⅝	1.07¼
July	1.16	1.08⅜	1.12	1.04½

Linseed Oil

Flaxseed, linseed oil and meal higher. Cake steady. Business in oil and meal better.

Flaxseed — DULUTH, Dec. 15. — Rising prices in Argentine and U. S. grain markets strengthened the domestic flax markets in Duluth and Minneapolis this week, values advancing nicely. Eighty-five percent of the domestic flax crop has been moved to market, reports today asserted. Flax shipments from the head of the lakes during the navigation season, May 1 to Dec. 11, totalled about 4,000,000 bushels greater than the season of 1938, when 1,494,720 bushels were shipped as against 4,516,550 bushels this year.

The cash basis here is set at 9 cents over Minneapolis May for flax on track and 8 cents for flax to arrive.

The week's closing price range was as follows:—

	Cash.	May.
Saturday	$2.00	$1.91
Monday	1.97	1.91½
Tuesday	1.99	1.94
Wednesday	2.08	1.99
Thursday	2.06	1.99
Friday	2.08½	2.00

Crop movement in bushels follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week..	5,836	153	43,613	.....
Since Aug. 1...	3,959,360	1,624,785	3,980,121	1,417,605

MINNEAPOLIS, Dec. 15.—Little of interest developed in the local flax market except that the cash article sold at better than $2 per bushel for the first time in nearly a year. The first car with fairly liberal dockage sold at $2.01 on December 6 and a few days later a car without dockage sold at $2.02. The last sale above the two dollar level was made on January 4, 1939, when a car sold at $2.02. Since that date the market has been below the $2 level because of a good domestic yield and very favorable crop reports from Argentina.

Demand for cash seed was good up until Monday of the present week, when some of the buyers lost their interest. Virtually all of the northwestern movement is coming to this market and is being unloaded for local crushing. A few cars arriving at Duluth are being taken for storage. Arrive purchases are very limited and shipping advices from the country are limited.

Trade in futures has been fairly good of late but is dying out again. The strong tone of wheat and unfavorable Argentine crop news stimulated speculative and crusher buying and prices rallied sharply. When wheat turned downward on a reaction flax liquidation developed.

Deliveries on December contracts to date total 6,000 bushels only. Remaining open interest is only 8,000 bushels so there is little chance of much developing in the way of tenders.

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Current prices on animal, vegetable and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

The week's closing range was as follows:—

	Cash.	May.	July
Saturday	$2.00	$1.91	$1.88
Monday	1.97	1.88	1.85½
Tuesday	2.00	1.91	1.87½
Wednesday	2.09	1.99	1.94
Thursday	2.07	1.97	1.93
Friday	2.09½	1.99½	1.94½

Crop movement in bushels follows:—

	Receipts		Shipments	
	1939.	1938.	1939.	1938.
This week	79,800	36,740	30,800	21,220
Since Sept. 1	3,493,000	1,837,750	1,490,600	384,490

WINNIPEG, Dec. 15.—Flaxseed prices irregular, changes being sharp at times. The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$1.72½	$1.77	$1.75½
Monday	1.67¾	1.71¾	1.71
Tuesday	1.68	1.72	1.71
Wednesday	1.75¼	1.80	1.79
Thursday	1.75¼	1.78½	1.80
Friday	1.75¾	1.79½	1.79⅞

BUENOS AIRES, Dec. 15.—Opening prices per bushel on February contracts were:—

	Last week.	Last year.
Saturday	$1.23	$1.10⅝
Monday	1.23¾	1.10⅝
Tuesday	1.24⅜	1.08⅞
Wednesday	1.28⅝	1.07⅜
Thursday	1.31⅜	1.08¼
Friday	1.31⅞	1.08¼

Exports

To—	Bushels Last week.	Previous week.	Last year.
United States	240,000	.....	382,000
United Kingdom	.....	.....	.....
Continent	110,000	268,000	598,000
Orders	.....	.....	.....
Others	.....	31,000	.....
Totals	350,000	299,000	980,000

Since January 1

To—	Bushels This year.	Last year.
United States	13,300,000	13,304,000
United Kingdom	2,220,000	1,281,000
Continent	23,437,000	23,531,000
Orders	8,137,000	9,921,000
Others	2,618,000	1,802,000
Totals	49,712,000	49,889,000

Visible Supply

	Bushels.
Last week	1,181,000
Previous week	1,378,000
Last year	1,575,000

HULL, Dec. 15.—La Plata flaxseed quoted at £16¾ per long ton; Bombay, £21¾.

Linseed Oil.—An upward trend in foreign and domestic markets for flaxseed was reflected in linseed oil here, prices being advanced twice during the week by some crushers. Quotations on tankcars at the close ranged from 9.1c. to 9.3c. per pound. Business was more active, though reports concerning the volume closed during the week were conflicting.

Cash flaxseed continued to meet with a good demand in domestic markets and premiums over futures were ruled firm. Receipts were smaller and the country movement continued on a diminishing scale. Crop accounts from Argentina were bullish, a tendency to further reduce estimates of the yield being indicated. An official estimate of the Argentina crop is expected in the near future. Unsold supplies of old crop seed in that country are reported as unusually small and diminishing. Reports from the American Northwest concerning the condition of the soil were unfavorable, moisture being reported as decidedly deficient.

Receipts of flaxseed at New York last week were 167,684 bushels. India shipped 4,000 bushels to Europe.

MINNEAPOLIS, Dec. 15.—There was noticeable improvement in the linseed oil demand due to increased nervousness over the Argentine situation. Shrinking crop prospects there and meagerness of United States flax supplies resulted in more active interest in offers and better sales. Even the probability of a trade pact with Argentina did not offset the diminishing estimates of South American production this season. Latest advices from Argentina are indefinite and suggest further decrease in prospects due to frosts in good producing territory. Crop estimates shrunk from 80,000,000 to 60,000,000 bushels to date.

Quotations on carload lots, f.o.b. Minneapolis, cooperage car lots, 9.9c. per pound, tankcar lots, 9.3c. per pound, warehouse lots, 10.3c. per pound.

Shipments of oil in pounds were as follows:—

	1939.	1938.
This week	1,780,000	686,725
Since Sept. 1	44,260,000	21,211,500

SAN FRANCISCO, Dec. 13.—Three price raises went into effect on linseed oil last week, apparently reflecting to some extent the strong Argentine situation, when the open tankcar quotation advanced from 8.7c. through to 9.3c. Buying ahead for delivery from December through June was reported to have been quite extensive in some cases, most of the oil going before the final three-point jump was made. The market is very firm today.

CHICAGO, Dec. 15.—Good demand for linseed oil. Ruling prices are:—Tankcar, 9.3c. per pound; car lots, 9.9c.; less than car lots, 10.3c.

LONDON, Dec. 15.—Linseed oil 35s. per cwt.

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Cottonseed Crushings Smaller

Cottonseed received at mills, crushed and held, and cottonseed products manufactured shipped out and held, from August 1 to November 30, 1939, and 1938, amounted, according to the Bureau of Census, to the following quantities:—

Cottonseed

Received, Crushed, and Held

	Tons Received at mills* Aug. 1 to Nov. 30.		Crushed Aug. 1 to Nov. 30.		On hand at mills Nov. 30.	
	1939.	1938.	1939.	1938.	1939.	1938.
United States	3,196,779	3,330,669	2,030,186	2,098,658	1,287,219	1,564,621
Alabama	132,120	202,177	115,305	162,127	27,730	52,001
Arizona	53,829	55,873	26,576	25,022	29,877	33,342
Arkansas	397,884	409,306	207,952	218,605	193,987	210,923
California	141,595	113,891	46,345	66,574	100,123	69,031
Georgia	221,852	214,359	182,573	170,499	53,470	59,154
Louisiana	181,228	155,711	127,930	117,700	53,845	43,893
Mississippi	524,468	572,496	304,080	298,320	242,181	315,974
North Carolina	119,780	95,382	85,416	79,278	35,613	23,899
Oklahoma	130,375	158,511	91,111	93,872	40,061	68,309
South Carolina	140,908	106,079	119,537	94,443	22,271	13,188
Tennessee	299,694	315,809	138,093	156,195	164,537	172,224
Texas	756,769	840,663	543,617	568,236	268,220	454,500
All other states	96,277	90,412	41,651	47,787	55,304	48,173

* Does not include 120,626 and 337,118 tons on hand Aug. 1 nor 8,793 and 12,546 reshipped for 1939 and 1938 respectively.

Cottonseed Products

Manufactured, Shipped Out, and Held

	On hand Aug. 1.	Produced Aug. 1 to Nov. 30.	Shipped out Aug. 1 to Nov. 30.	On hand Nov. 30.
Crude oil, pounds—				
1939-1940	*72,066,763	629,852,040	595,438,276	*184,061,769
1938-1939	33,833,717	646,680,185	556,294,824	170,072,026
Refined oil, pounds—				
1939-1940	†560,035,317	†474,957,220	.....	†490,215,238
1938-1939	487,927,952	470,441,535	.....	503,616,983
Cake and meal, tons—				
1939-1940	119,718	909,558	822,345	206,931
1938-1939	214,611	937,581	837,090	315,102
Hulls, tons—				
1939-1940	77,087	516,029	433,774	159,342
1938-1939	133,153	542,568	492,478	183,243
Linters, running bales—				
1939-1940	479,316	486,941	606,972	369,285
1938-1939	457,464	506,362	442 551	521,275
Hull fiber, 500-lb. bales—				
1939-1940	24,931	13,475	19,443	18,963
1938-1939	30,534	17,538	17,630	30,442
Grabbots, motes, etc., 500-lb. bales—				
1939-1940	30,642	21,704	25,858	26,488
1938-1939	36,592	24,342	22,069	38,865

* Includes 5,986,685 and 64,192,617 pounds held by refining and manufacturing establishments and 13,594,470 and 32,969,780 pounds in transit to refiners and consumers August 1, 1939, and Nov. 30, 1939, respectively.

† Includes 13,471,938 and 7,586,530 pounds held by refiners, brokers, agents, and warehousemen at places other than refineries and manufacturing establishments and 3,292,550 and 8,142,613 pounds in transit to manufacturers of shortening, oleomargarine, soap, etc., August 1, 1939 and Nov. 30, 1939, respectively.

‡ Produced from 502,726,124 pounds of crude oil.

Exports and Imports for Three Months Ended Oct. 31

	1939.	1938.
Exports—		
Oil, crude, pounds	2,190,349	87,620
Oil, refined, pounds	4,494,300	1,257,898
Cake and meal, tons of 2,000 pounds	4,328	7,672
Linters, running bales	94,209	51,469
Imports—		
Oil, crude, pounds	none	none
Oil, refined, pounds	*3,455,948	21,401,365
Cake and meal, tons of 2,000 pounds	45	175
Linters, bales of 500 pounds	14,524	14,613

* Amounts for November not included above are 661 pounds refined, "entered direct for consumption," 1,180 refined, "withdrawn from warehouse for consumption," and 329,994 refined, "entered direct into warehouse."

Cake and Meal.—Meal met with a better demand and the market was firmer, the price being advanced 50c. per ton. Cake quiet and steady.

MINNEAPOLIS, Dec. 15.—Linseed meal trade is slowing down because of weather conditions and less active demand for feeding material in general.

Quotations on carload lots, f.o.b. Minneapolis, 100 pound sacks, $34 to $35 per ton.

Shipments of meal in pounds were as follows:—

	1939.	1938.
This week	5,400,000	1,904,190
Since Sept. 1	57,760,000	35,810,803

CHICAGO, Dec. 15.—Trade in linseed meal is reported holding up well. Ruling prices are:—$33 to $34 per ton, largely nominal; car lots, $34 to $35; less than car lots, $36 to $37.

Cottonseed Oil

Refined oil future irregular, easier early in the week and stronger later on. Southern markets firmer.

Cottonseed Oil.—An upturn in refined oil futures following easiness early in the week was traceable largely to a sharp recovery in the market for lard futures in Chicago where speculative buying was active on reports that the government was preparing to purchase about 100,000,000 pounds of lard for relief distribution. This offset a continuation of large receipts of hogs and led to active covering of shorts and fresh buying of cottonseed oil futures, some of the purchasing apparently being for foreign account. Business here was more active with commission house participation showing a noteworthy increase.

The monthly cottonseed report from the Census Bureau was rather bearish in the matter of consumption for the month of November, indicated takings by consumers being only 266,183 barrels against 353,675 barrels in the previous months and 263,359 barrels last year. For the first four months of the season consumption amounted to 1,361,942 barrels against 1,136,880 barrels in the same time last season. The visible supply showed an increase during November of 219,300 barrels against an increase in the same time last season of 173,500 barrels. The total visible at the close of November was 2,569,600 barrels against 2,769,400 barrels a year ago.

Southern markets for crude oil were firmer, sales being reported in the

Current prices on animal, vegetable and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

THE BRODÉ CORPORATION
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STEARIC ACID RED OIL PEARLSTEARIC
PITCH WHITE OLEINE GLYCERINE
DARLING & COMPANY
Manufacturers 4201 S. ASHLAND AVE., CHICAGO, ILL. *Stocks in Principal Cities*

Southeast at 6c. Soybeans were active and higher in the West, prices moving up to new high levels, and soybean oil prices were advanced ½c. per pound by large producers. Receipts of hogs were heavy, arrivals in the principal Western centers for four days of the week aggregating 364,100 head against 296,100 head in the same time last year. The weight of the hogs received in Chicago during the week ended December 9 averaged 231 pounds against 228 in the previous week and 225 pounds in the week before that. Domestic trade in lard was more active but the export movement continued light. Clearances of lard from Atlantic and Gulf ports for all foreign destinations during the period from November 1 to December 9 were 13,418,580 pounds against 20,182,325 pounds in the same time last season.

Further tenders of cottonseed oil here on December contracts brought the total for the month thus far up to 34. Hedge selling was reported on the advance in prices, and at around 7.30c. for May and 7.40c. for July, liquidation by local and outside longs was sufficiently heavy to cause a partial setback in prices. There was further switching from near to distant positions, January being switched to July at 34 to 37 points. March was switched to May at 10 to 11 points and to July at 20 points; May to July at 10 points difference.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from December 9 to December 15, inclusive, comprised 1,447 contracts, a total of 86,820,000 pounds. Following is a price record for the week:—

	—Cents per pound in tanks— High.	Low.	Close.
January	7.03	6.70	7.05@7.08
March	7.25	6.85	7.19 sale
May	7.36	6.95	7.31 sale
July	7.46	7.04	7.41 sale
December	7.10	6.55	.....

Crude, Southeast, .06c. Nom.

Chicago, Dec. 15.—Cottonseed oil prices and demand have shown improvement. Good, off-Summer, yellow fig oil is 7⅛c. per pound. Refined, edible oil is 9¼c. to 9¾c. per pound, barrels, car lots; and 9¾c. to 10c., barrels, less than car lots.

Hull, Dec. 15.—Cottonseed oil, refined, 30s. 6d. per 112 pounds; crude, Egyptian, 26s.

Cake and Meal.—A firm tone prevailed in Southern markets, the trend of prices still being upward in some sections. Demand reported good.

Markets at Other Centers

Atlanta, Dec. 13.—Oil millers see no reason to expect an increase in the supply of seed from next year's crop in view of the vote of cotton growers to again accept government regulation of the crop acreage. Prime crude oil is quoted at 6c.; meal $31.

Memphis, Dec. 15.—Last sales of crude cottonseed oil at 6c., Valley basis. Volume small as mills do not have large quantities still unsold. Meal, $29.50 to $30 per ton for 41 percent, immediate shipment, Valley basis; cake, $26.50 per ton. Market here for meal futures steady at recent advances, prices being near the season's high. Hulls, $6.25 to $7.25 per ton, according to location.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	December 8.	December 15.
December	$28.75@29.00	$29.00@30.00
January	28.25@28.50	28.80@29.25
March	27.40@——	28.15@28.30
May	27.25@27.50	28.00@28.25

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Fatty Acids

Capric Acid.—Quotations unchanged and tone steady. Fair movement of moderate quantities.

Castor Oil.—New business in this fatty acid quieter but makers well employed with deliveries on unfilled contracts. Tone firm.

Coconut Oil.—Prices steady in absence of material change in basic material. Business quieter.

Cottonseed Oil.—Inquiry for this fatty acid more active on upturn in oil. Trade fair.

Lauric Acid.—Quotations generally unchanged and tone steady. Fair movement into local and other consuming channels.

Linseed Oil.—Somewhat better request for moderate quantities of this fatty acid. Market steady.

Myristic Acid.—Prices maintained. Business quiet and of a routine character.

Red Oil.—Steady at reduction in prices previously noted. Trade fairly active.

Stearic Acid.—No broadening of business, but call for moderate lots fairly active. Previous selling schedules maintained.

Markets at Other Centers

Chicago, Dec. 15.—Fatty acids in fair demand and steady.

FATTY ACIDS.—Corn oil, double distilled, 9c. to 9¼c. per pound, tankcar; 9½c. to 9¾c., barrels, car lots; 10c. to 10¼c., barrels, less than car lots; coconut oil, acidulated, 10c. to 10¼c. per pound, tankcar; 10½c. to 10¾c., barrels, car lots; 11c. to 11¼c., barrels, less than car lots; cottonseed oil, double distilled, 8¼c. to 8½c. per pound, tankcar; 8¾c. to 9c. per pound, barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 per cent basis, 3¼c. to 3½c.; boiled down soap stock, 65 percent basis, 4¼c. to 4½c.; cottonseed foots, 50 percent basis, 1⅝c. to 1⅞c.

STEARIC ACID.—Distilled, single press, 11½c. to 12½c. per pound; double press, 12c. to 13c.; triple press, 14¾c. to 15¾c.

Fish Oils

Cod.—Tone firm. Business curtailed by light offerings and high primary prices.

Menhaden.—Demand for refined somewhat better, though purchases still generally limited to comparatively small lots. Prices steady.

Sardine.—All grades of refined in fair demand. Quotations unchanged.

Sperm.—Steady movement on contracts and transient orders. Prices stationary.

Whale.—Somewhat better inquiry for small or moderate lots of refined. Market tone steady.

Markets at Other Centers

San Francisco, Dec. 13.—No trading was found in the California sardine oil market last week as sellers were turning down bids on the basis of the last recorded sales and the situation strengthened generally. The week was quiet marketwise but production, after the run-out of the full moon period, again picked up and for the week ending December 8, the substantial total of 61,649 tons was turned in at the various plants in southern and northern California, according to the weekly report of the California Sardine Products Institute. The trade said this morning that since December 8 however, a storm had hindered any further operations, but that an unusually heavy catch was being delivered at San Francisco early this morning.

Bids of 30½c. per gallon were present in large number, it was learned, but there were apparently no takers. Sellers were standing off and few if any of them were even willing to give out counter offers. The 30½c price was the last figure at which oil traded here, some 40 tankcars having gone at that figure during the previous week.

The sardine tonnage reported as of December 8 swelled the seasonal total catch to a 353,027-ton figure, as against 250,994 tons as of the same date last year. The end of the sardine run is still apparently not in sight. Of the 61,649-ton catch last week, 31,942 tons were delivered at San Francisco, 21,941 at Monterey and 7,766 at San Pedro.

A meeting of the State Fish and Game Commission last week brought out nothing pertinent to the fish tonnage permit situation, it was learned. The commission has provided 400,000 tons for open reduction for the season in all districts, but no provision has been made for operations in northern California after this month. Only if northern California producers have not used up their quotas by the end of this month can they continue to work unless the Commission grants further tonnage. San Francisco Bay area producers have gone on record as wanting additional tonnage and some of them are thought to be within a few days of fulfilling their seasonal allotments.

Baltimore, Dec. 13.—Sale of a few tanks of menhaden oil in Florida at 30c. per gallon was reported during the past week. Several of the fishing companies down the lower Chesapeake Bay are said to have small lots of oil still undisposed of, holding for special purposes. The ideas of big soapers are said to be around 28c. per gallon, which would be an increase from 27c., the lowest figure they had expressed a willingness to pay. The oil market as a whole is showing increasing firmness with competitive materials. Operations of the fishing companies on the coast of North Carolina are still continued, but the hauls are light.

Waxes

Bayberry.—Steady on spot and for import. No important surplus unsold. Fair demand. Firm undertones.

Bees.—Business reasonably active. Seasonal influences temper consuming request. Desire for favorable inventories operative. Prices steady to firm, spot and future.

Candelilla.—Very good call created firmer undertones. Price higher. Ton lots, 18½c. to 19c. per pound.

Carnauba.—Spot prices virtually nominal. Interest centered on primary market. Advancing quotations the rule. Present prices nearing all-time top quotations prevalent some fifteen to eighteen years ago. Not a sign of weakness in Brazil. Future delivery positions in active trading when goods were available.

Japan.—Unconfirmed reports intimate Japan will control export prices. Spot very firm with fair request. Stocks moderate. —*Continued on page 54*

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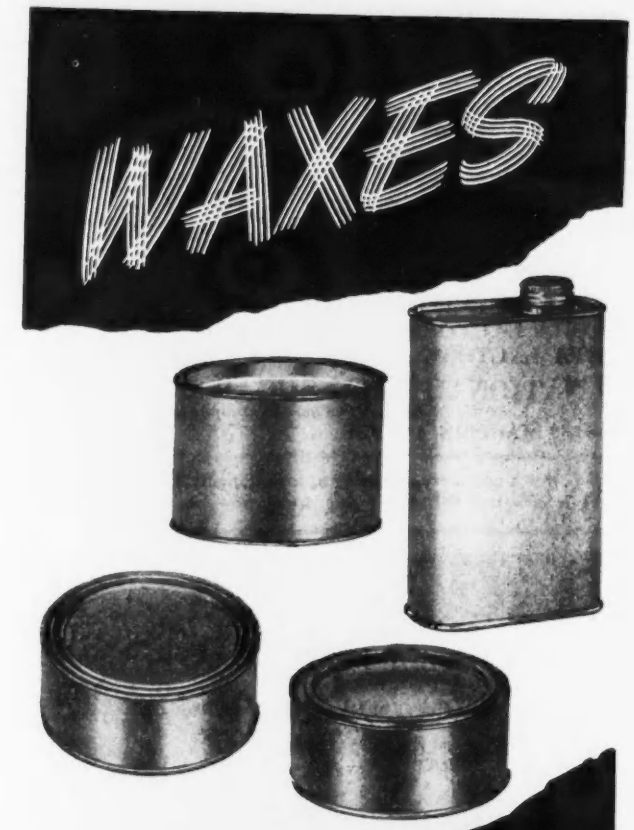

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Drugs, Fine Chemicals

Numerous Solvents Revised Downward — Secondary and Isobutyl Alcohols Up — Methylethyl Ketone Advanced — Quicksilver Dull—Mercurials Steady—Tartar Products Strong

Price features in the market for drugs and fine chemicals last week included declines in quotations on numerous solvents and advances in a few similar materials. The changes were readjustments that were moderate in extent in most instances. For the most part the market in general displayed stability, especially when related to the position of practically all the items of major importance in the market as a whole.

Demand showed considerably less vitality last week. Sellers reported fewer transactions and a lowering of general volume. However, it seemed likely that the slowing down in trade generally was a development strictly in line with probability toward the end of most years. Desire to keep inventories as small as possible led to caution and conservatism in buying. In many States the existence of floor taxes played an important part in keeping buying down mainly to requirements of urgent sort.

Against this situation was the presence of a steady and vitalized call for goods to be delivered after the turn of the year. In some respects the volume of such business was the key to the market strength that continued to be the dominant factor as related to the probable future of events.

Acetone.—Firm at late advance. Future production well committed. Definitely a sellers' market.

Acid, Citric. — Trade routine but steady in small lots. Entirely seasonal. Prices fully steady.

Acid, Boric.—Activity mainly 1940 contract renewals. Good progress made. Current prices govern. Change in freight rates for buyers' account.

Acid, Citric.—Trade routine. Steady in small lots. Entirely seasonal. Prices fully steady.

Acid, Gallic.—Prices purely nominal. Raw material cost and supply uncertain. Business along normal lines.

Acid, Hypophosphorous.—Stability of prices definite. Moderate but routine request.

Acid, Tartaric.—Strong market. Raw material high in cost. Future supplies subject to war conditions affecting transport and price. Demand fair at recent volume.

Alcohol.—Revised schedule on some specially denatured formulas, into effect smoothly. Consumption running to excellent levels. Main current interest in 1940 first quarter business. Completely denatured withdrawals excellent. Outlook for maintenance of improved markets good.

Bismuth Metal and Salts.—No change in prices. General demand satisfactory. Schedules being maintained. Undertones firm.

Butyl Acetate.—Schedule on secondary 1c. higher. Tanks, 6½c. per pound; drums, car lots, 7½c.; less car lots, 8c. Rise follows general trend, butyl alcohol group.

Cadmium.—Group firm. Metal strong, consumption running high. Stocks none too ample. Resellers commanding premium over 75c. per pound, ingots, and 80c., patented shapes.

Caffeine.—Unsold stocks held light, compared with demand. General situation one of strength. Full schedules being maintained by producers. Secondhand market getting premiums.

Camphor.—Market strong. No change in schedule, domestic synthetic, technical. Quoted 35c., ton lots; 40c. smaller lots. Natural camphor virtually nominal. Replacement cost indeterminate. Japan not offering. Sellers here reserved, awaiting resumption of Japanese offerings. Domestic U.S.P. synthetic strong at late advance. Producers accepting no prompt business. Restricting sales to January, forward.

Castor Oil.—Prices on oil unchanged. Market strong. Stocks subnormal. Raw material replacements show high cost. Market, beans, $83, f.o.b. Brazilian ports. Oil in good request. Trading basis, usually less than car lot quantities.

CHICAGO, Dec. 14.—Strong tone continues in castor oil. Considerable quantities bought. No oversupply. Ruling prices are: No. 1, barrels, car lots, 12⅛c. per pound; barrels, less than car lots, 13¼c.; returnable drums, car lots, 11⅝c.; drums, less than car lots, 12¾c.; tanks, 11⅜c.; No. 3, barrels, car lots, 11⅝c.; barrels, less than car lots, 12¾c.; returnable drums, car lots, 11⅛c.; drums, less than car lots, 12¼c.; tanks, 10⅞c.

Codliver Oil. — Firm market at unchanged prices. Concern felt regarding Norwegian fishing. Future trend of values depends mainly on good production. War conditions will govern. Report of British removal of duty questioned. Local importer says is under consideration only. No definite action taken.

Diethanolamine.—Market down. Prices: Tanks, 22½c. per pound; drums, car lots, 23½c.; less car lots, 24½c.

Diethyleneglycol.—Quotations reduced 1½c. per pound. Market, drums, car lots, 14½c.; less car lots, 15½c.

Diethyleneglycol Monobutylether. — Market reduced to 22½c. to 24½c. per pound, as to quantity.

Diethyleneglycol Monoethylether. — New and lower schedule. Market: Tanks, 13½c. per pound; drums, car lots, 14½c.; less car lots, 15½c.

Ethyl Acetate. — Price readjustment. Market: 85-90 percent, tanks, 6.5c. per pound; drums, car lots, 7.5c.; less car lots, 8c.; 95-98 percent, tanks, 6.75c.; drums, car lots, 7.75c.; less car lots, 8.25c. Schedule, 85-90 percent, 4-10c. higher; 95-98 percent, 1-10c. lower.

Ethyleneglycol. — Prices down 1½c. per pound. Market: Tanks, 13½c.; drums, car lots, 14½c.; less car lots, 15½c. to 18½c. as to quantity.

Ethyleneglycol Monobutylether.—Schedule reduced 1½c. per pound. Market: Tanks, 15½c.; drums, car lots, 16½c. less car lots, 17½c. to 20½c. as to quantity.

Ethyleneglycol Monoethylether.—Downward revision of ½c. per pound. Schedule: Tanks, 13½c. per pound; drums, car lots, 14½c.; less car lots, 15½c. to 18½c. as to quantity.

Ethyleneglycol Monomethylether. — Market 1½c. lower. Prices: Tanks, 14½c. per pound; drums, car lots, 15½c.; less car lots, 16½c.

Formaldehyde.—Contracts, 1940 bookings, making good progress at current quotations. Stability of raw material cost reflected fully. Outlook good.

Glycerin. — Market slightly quieter. Seasonal influences at work. Values named firm by refiners. Producers restricting sales to regular customers. None of them going shy of material. Quantities asked for scrutinized care-

Price Changes

Advanced

Alcohol, butyl, secondary, 1c. per lb.
Alcohol, isobutyl alcohol, 1/10c. re lb.
Ammonia linoleate, 1c. per lb.
oleate, 3c. per lb.
stearate—2½c. per lb.
Butyl acetate, secondary, 1c. per lb.
Ethyl acetate, 85-90 percent, 4/10c. per lb.
Glycol stearate, 2c. per lb.
Methylethyl Ketone, ½c. per lb.

Reduced

Diethanolamine, ½c. per lb.
Diethyleneglycol, 1½c. per lb.
Diethyleneglycol Monobutylether, ½c. per lb.
Diethyleneglycol Monoethylether, ½c. per lb.
Ethyleneglycol, 1½c. per lb.
Ethylglycol Monobutylether, 1½c. per lb.
Ethyleneglycol Monoethylether, ½c. per lb.
Ethyleneglycol Monomethylether, 1½c. per lb.
Ethyleneglycol Monoethylether acetate, 1½c. per lb.
Quicksilver, domestic, $3 per flask.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compares as follows:—

Last week.	Prev. week.	Last month.	Last year.
194.8	**194.9**	**194.8**	**182.7**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

fully. Reasonable expansion of needs supplied. Desire is to prevent diversion of stocks into resale channels. Less call from those with export inquiries.

CHICAGO, Dec. 14.—Orders for glycerin gain. Price structure firm. Ruling prices are:—Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12½c.

Haarlem Oil.—Import situation still difficult but better defined. Prices, firm spot basis, $5 to $5.50 per gross bottles.

Iodine and Iodides.—Plentiful stock of raw material available. Conditions appear stable. Demand about normal for current period of year. No changes in quotations.

Isobutyl Acetate. — Producers quote: Tanks, 5.9c. per pound; 55 gallon drums, any quantity, 6.9c. Quotations, works basis.

Isobutyl Alcohol.—Works prices revised upward 1-10c. Offerings on freight allowed basis abandoned. Market: Tanks, 5.90c. per pound; drums, 6.90c.; any quantity.

Magnesia.—All varieties firm. Oxide moving well. Carbonate, technical and U.S.P. in good request, season considered. Outlook, 1940, favorable in main.

Mannitol. — Item finding increasing favor. Prices attractive, compared with manna from Italy. Business steady.

Menthol.—Spot below primary market parity. Price parers withdraw, permitting firm spot market at $3.35 to $3.45. Business feeling approach of inventory period.

Mercurials.—Schedule on hard and soft materials maintained. Raw material held to recent advance. General movement of derived materials very good. Undertone firm.

Methanol. — Market firm and well stabilized. Contracts, 1940, subject to quarterly adjustment, booked in good volume. Monthly statistics production of crude and synthetic methanol, almost the entire output of commodities in the United States, released by Director William L. Austin, Bureau of Census, Department of Commerce follow:—

Production

	Gallons			
	1939		1938	
	*Synthetic.	Crude.	*Synthetic.	Crude.
Jan....	2,462,884	315,814	2,896,894	458,347
Feb....	2,267,339	336,117	2,299,609	408,930
Mar....	2,406,564	364,500	2,343,828	432,800
April...	2,276,385	389,423	1,975,999	314,664
May....	1,778,581	354,415	1,860,400	330,875
June...	2,295,288	343,992	1,629,570	293,091
July....	2,495,394	377,755	1,449,607	309,219
Aug....	2,678,983	359,594	1,897,847	281,988
Sept....	2,639,934	404,876	1,929,655	303,225
Oct.....	4,158,161	463,420	2,294,552	335,380
Total	25,459,513	3,745,946	20,568,941	3,468,519

* The refined equivalent would be approximately 82 percent of the crude production.

Wood Carbonized

	Cords	
	1939.	1938.
January	33,353	44,874
February	31,715	40,001
March	33,353	43,281
April	36,176	31,429
May	33,857	32,873
June	35,592	31,056
July	36,049	29,354
August	34,396	28,126
September	40,557	30,137
October	44,588	33,185
Totals	361,484	344,316

Methylethyl Ketone. — Market ½c. higher. Tanks, 5½c. per pound; drums, car lots, 6½c.; less car lots, 7c.

Potash Bromide. — Seasonal requirements gaining. Market fully firm. Gain in sales volume expected.

Potash Carbonate.—U.S.P. steady. Demand moderate to fair. No unsettlement noted. Production meeting current demands.

Potash Citrate.—Fully stabilized market guaranteed until October 1, 1940, at least. Current movement about normal. Somewhat smaller than recently.

Potash Hypophosphite.—Current call conservative. About normal for time of year. Quotations steady. Supplies adequate.

Quicksilver.—Prices lower. Underlying currents turn easier. European price advance maintained. Domestic, $140 to $145 per flask; European, $120 per flask, in bond. Demand moderate.

San Francisco, Dec. 13.—Quicksilver market more restrained. Inquiry lighter. Agents for producers intimate $140 to $142.50 per flask can be done, New York basis.

Quinine.—Market firm. Demand good. Tendency toward expansion, early in 1940. Foreign situation makes for strength here. Production of U.S.P. X sulphate to stop, when current stocks are exhausted. U.S.P. IX to be supplied on all orders thereafter.

Resorcinol.—Market still well stabilized, apparently. Demand, for technical and U.S.P., reasonably active Production costs tends to rise.

Rochelle Salt.—High production cost keeps market strong. Demand a supporting feature. Prices thoroughly maintained. No surplus of supplies.

Saccharin.—Demand for resale stocks less pressing. Stocks light in such directions. Producers report good demand. Prices very firm.

Salicin.—Activity about normal. Undertones steady and lacking in unsettlement. Quotations distinctly firmer.

Salol.—Sales show seasonal gain. Improvement expected to continue. Winter needs being covered. Quotations steady to firm.

Santonin.—Present demand light. Believed resumption of trade will come with Spring. Stocks conservative. Holders strong in future views. Russia a doubtful supplier.

Seidlitz Mixture.—Strength excellent. Production cost likely to remain high. Raw material situation no easier. Present demand moderated by approaching year-end.

Silver Nitrate.—Price schedule, basis 100 ounce lots. Smaller lots cost 1c. to 2c. more; 500 ounces, about 1c. less. Table compares prices on bullion, New York and London.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	27	34⅝	23⅝
Monday	27	34¾	23⅞
Tuesday	27	34⅝	23⅞
Wednesday	27	34¾	23½
Thursday	27	34¾	23⅜
Friday	27	34¾	23⅜

Soda Benzoate. — Demand seasonally reduced but still good. Undertone firm in all respects. Quotations reflect strength of production cost. Stocks fair.

Soda Cacodylate.—Business ordinary in kind and volume. Quotations very steady.

Soda Citrate. — Market completely stable. Prices to hold until October 1, 1940, at least. Change then to depend on production cost. Current movement steady.

Soda Glycerophosphate. — Trade irregular to some extent. Buyers not pressing for supplies. Undertones steady. Prices well maintained.

Soda Mandalate. — Demand routine but volume compares with good call recently. Undertones steady to firmer. Prices unchanged.

Soda Perborate. — Business normally active. Outlook encouraging for future volume. Quotations stable.

Sorbitol. — No change of price for some time. Current call reasonable. Undertones indicate stability.

Strychnine. — Movement typical of pre-Winter season. Prices maintained well. Absence of much competition a factor in stability. Raw material no easier.

Pepsi-Cola Co. Trademark Upheld by Canadian Court

The Canadian Supreme Court handed down a decision December 9 in favor of the Pepsi-Cola Company, Long Island City, in an action in an alleged infringement of the trademark brought by the Coca-Cola Company of Canada, a subsidiary of the Coca-Cola Company, Atlanta, Ga. The court ruled that the name Pepsi-Cola did not infringe the Coca-Cola trademark. The Coca-Cola trademark was, however, held valid, with the result that a counter suit filed by the Pepsi-Cola organization challenging the validity of the Coca-Cola trademark was dismissed.

Walgreen Company, Chicago, November sales amounted to $5,761,909, against $5,533,547 in November last year.

Agfa Ansco Corporation, Binghamton, N. Y., will distribute $145,000 Christmas bonus to 2,700 employees.

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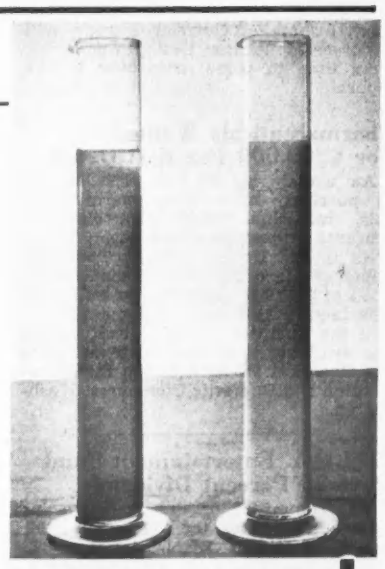
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RIGHT: Material immediately after thorough agitation.
LEFT: Material after being left at rest for one week.

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HYOSCYAMINE HYDROBROMIDE U.S.P. X
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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Peru Medicinal Products Came Largely from Germany

Peru continues to be a fair market for imported medicinal products despite rapid progress made by local manufacturers during recent years and the limited number of persons that may be classed as potential customers, according to a study prepared by the Chemical Division of Bureau of Foreign and Domestic Commerce. Germany was the principal supplier during 1938, shipping medicinals, pharmaceuticals and biologics valued at 5,241,332 soles, while the United States was second with consignments valued at 4,784,302 soles. Other important suppliers were Great Britain, 1,107,015 soles, and France, 1,127,752 soles. It is likely that a substantial share of Germany's trade will be diverted to the United States for some time to come, according to the report.

Pharmaceuticals Wanted For $300,000 Far East Order

An agency in the Far East desires to purchase medicinals, pharmaceuticals, medicinal chemicals, chemical reagents, and surgical and hospital supplies in the United States. The total value of the order is in the neighborhood of $300,000, according to estimates. The inquiry specifies the items desired, and the qualities of each. Full details are available to accredited firms, from the Chemical Division of the Bureau of Foreign and Domestic Commerce, Washington.

N.W.D.A. Entertainment Fund Pays 20 Percent Dividend

The committee on arrangements and entertainment for the 1939 convention of the National Wholesale Druggists Association functioned economically, as well as satisfactorily. It saved 20 percent of the funds contributed for its use. Checks for this proportion of their contributions have been sent to the financers of the entertainment program as, in the words of the chairman W. T. Allen, of the Owens-Illinois Glass Company, a Christmas dividend.

In making these refunds Mr. Allen expresses his appreciation of the generosity of the association members and of the whole-hearted cooperation and diligent work of the members of the several convention committees which made the substantial savings possible. He also bespeaks the same consideration and assistance for his successor, W. G. Mennen, who heads the committee for the 1940 convention.

Books You Can Use

New Merck Index

The Merck Index. Fifth edition. Flexible cloth bound; 1,060 pages, 6 by 9 inches. Rahway, New Jersey: Merck & Co. $3.

This fifth edition of the Merck Index is "bigger and better" than ever before. It contains about twice the number of pages than the previous edition and much more than double the information.

More than half the volume is devoted to descriptions of the physical, chemical and medicinal properties and various uses of 5,000 drugs and chemicals; the substances described range from abasin to zymase, and include all the newer drugs and chemicals, such as sulfanilamide, sulfapyridine, and vitamin K.

An important new feature of this fifth edition is a section of 350 pages on chemical, clinico-chemical reactions, tests and reagents. In it are described more than 4,500 numbered tests, reactions, and reagents listed alphabetically according to the author's name but indexed alphabetically according to the substance being tested for.

The book also contains a section describing 113 coaltar colors which are permissible for use in foods, drugs, and cosmetics, a section giving the chemical name, range and preparation of 126 indicators, and a section describing the properties, formulas, percentage composition and sources of 187 minerals. Some of the other valuable information in the volume includes formulas for the preparation of culture media, fixatives and staining solutions; antidotes for poisons; tables of specific gravity; boiling points; saturated solutions; percentage solutions, and literature references.

Odor Problem of Paints Discussed by *Givaudanian*

The question of odor in indoor paints is again being given serious attention by alert paint manufacturers it is stated in the feature article of the November-December issue of the *Givaudanian*, published by the industrial aromatics division of Givaudan-Delawanna, Inc. Changes in paint formulation to accommodate the use of such substitutes as dehydrated castor oil, oiticica oil, and treated fish oils are said to be responsible for the consideration. Methods of improving the drying odors of paints are then discussed. Copies of the leaflet may be obtained by addressing Givaudan-Delawanna, Inc., 80 Fifth Avenue, New York, mentioning the REPORTER.

Daniels Elected President Of Michigan Drug Ass'n

Walter Daniels, of Parke, Davis & Co., Detroit, has been elected president of the Allied Drug and Cosmetic Association of Michigan. Other officers elected were:—Vice-president, A. S. Bedell, of Beauty Counselors, Inc.; secretary, G. deNavarre, of Maison G. deNavarre Associates, and treasurer, R. P. Cole, of the Eaton-Clark Company. G. Buck of the Standard Oil Company of Indiana, and G. Snider, of the Commercial Solvents Corporation, were named to the executive committee. The organization held a Christmas party December 8 in the Book Cadillac hotel.

Straits Settlements Turning To U.S. for Toiletry Supplies

There is a fair demand in Singapore for imported toiletries, according to the Department of Commerce. The bulk of the demand is supplied by the United Kingdom, the United States, Hong Kong and France, with smaller quantities originating in China, Germany and British India. During the present European emergency, it is likely that importers in the Straits Settlements will turn to the United States for a greater share of their import requirements. Toiletries imported in 1938 totaled $1,007,492, of which the United States share amounted to $197,600.

Abbott Estate Gives $2,500,000 for Research

—Continued from page 5

Ill., $250,000; and Knox College, Galesburg, Ill., $250,000.

Clara A. Abbott was the widow of Dr. Wallace C. Abbott, founder of Abbott Laboratories, Chicago. The latter was a practicing physician in Chicago for many years and began the manufacture of chemicals and pharmaceuticals in Ravenswood, Ill., in 1888. He died in 1921.

Trade Briefs

Parke, Davis & Co., pharmaceutical manufacturer, Detroit, will distribute a Christmas bonus to 2,700 employees, who are below the $3,000 annual salary range, totaling nearly $100,000.

Ciba Pharmaceutical Products, Inc., Summit, N. J., has notified the New York World Fair that it would not exhibit in the Medicine and Public Health building in the 1940 exposition.

L. A. Helfrich, of the U. S. Industrial Chemicals Company, addressed the Baltimore branch of the American Pharmaceutical Association December 14. He discussed the industrial uses of alcohol.

J. O. Robinson Heads Baltimore Drug Exchange

—Continued from page 5

meant the termination of the functions of the Maryland Pharmacy Board.

The guest speaker was Charles T. Leviness, chairman of the Baltimore Board of Liquor License Commissioners. Mr. Leviness discussed the work of the board, and credited the local druggists for causing little or no trouble in complying with the regulations.

The new president of the exchange started with the H. B. Gilpin Company in 1903 as a bookkeeper, and was chosen secretary and treasurer of the company a year later. He became president of the company upon the death of his brother, H. H. Robinson, who was also a former president of the exchange.

Botanical Drugs, Spices, and Gums

Undertones Easier — Number of Botanical Reductions Gains —Seasonal Influences at Work—Business Still Very Good —Basic Elements of Market Strength Unrelieved

Price trend in the market for botanicals was definitely downward last week. Relaxation of market undertones was in evidence in a substantial number of items that moved in favor of buyers. For the most part, the declines were moderate in extent.

Unquestionably did the time of the year play its part in the general easing of values. Desire of manufacturing consumers to keep inventories as low as possible was an important influence in cribbing new business in numerous materals within narrow limits. At the best, inventories this year-end were likely to be much superior to those a year ago, the result of the heavy buying almost continuously in September and October. Even November trade tended to build reserves.

The part played by the season was revealed in the fairly large number of requests for January 1 billing. This meant substantial selling of forward deliveries, and in that respect the market gave promise of an excellent future.

Despite the obvious and general easing of undertones and some prices, sight should not be lost of the fact that the basic and, probably, controlling factors in the market were little changed. Questions of foreign stocks, ability to get the goods here as wanted, uncertainty of new production in 1940—all were hazards counting as basic elements of real strength.

Balsams

Copaiba.—Business more competitive. Prices lower at 34c. to 35c. per pound for Para, and 36c. to 37c. for South American balsam. Demand irregular.

Fir.—Undertones firm. Demand conservative but steady. Prices well maintained.

Barks

Bayberry.—Slightly lower at 14c. to 15c. Movement irregular. Jobbing orders usually and prompt shipment.

Black Haw.—Current takings moderate. Undertones firm. Stocks none too plentiful, spot or source. No shading of quotations.

Cascara Sagrada.—Primary market firmly maintained. No tendency to accept bids. Stocks concentrated in strong hands. Local trade dull.

Cocillana.—Price range narrower, 40c. to 45c. per pound as to seller. Slight gain in competition. Inside quotation steady.

Cramp.—Primary market reserves, genuine cramp bark, moderate. Present volume of demand met readily. Quotations steady, lacking definte trend. So-called cramp bark dull.

Lemon Peel.—No further lowering of prices. Undertone steadier. Less tendency toward competition. Fair reserves available.

Prickly Ash. — Undertones gained strength at recent price decline. Moderate trading the rule. Parity struck between spot and replacement quotations.

Sassafras.—Very good demand. Interest in January deliveries gains broadness. Select bark steady at late advance. Competition negligable.

Beans

St. Ignatius.—Market nominally active. Unchanged prices.

Tonka Beans.—New business light, normal at this time. Prices firm to steady here. Equally so in primary markets.

Vanilla.—Current demand drops seasonally. Considerable interest in January 1 deliveries. Undertones strong. Price tendency upward. Stocks of Bourbon beans at lowest level and ebbing steadily. Mexicans gain strength from Bourbon situation. All French markets strong.

Imports and Detentions

Entries of botanicals at the port of New York since the week of January 1, 1939, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	123	3,085
Belladonna	...	485
Caraway	2,118	26,813
Cardamom (cases)	32	1,544
Celery	...	2,954
Coriander	195	23,391
Cumin	656	6,763
Digitalis leaves (cases)	2	2
Dill	...	1,026
Fennel	421	1,897
Henbane leaves (bales)	...	218
Mustard	...	33,347
Poppy	...	32,687
Sage leaves (bales)	45	4,730
Sesame	3,050	16,331
Stramoinum	200	335
Thyme	40	1,468

Price Changes

Advanced

Deer tongue leaves, 1c. per lb.
Hellebore root, white, powdered, 1c. per lb.
Henna leaves, whole, 1c. per lb.
Mullein flowers, 2c. per lb.
Poppyseed, Hungarian, ½c. per lb.
Rosemary flowers, 10c. per lb.

Reduced

Arnica flowers, 2c. per lb.
Anise, Bulgarian, 2½c. per lb.
Berberis root, 1c. per lb.
Broomtops, 2c. per lb.
Byronia root, 2c. per lb.
Bayberry bark, 1c. per lb.
Copaiba balsam, 1c. per lb.
Clover tops, 3c. per lb.
Cantharides, Russian, 15c. per lb.
Cassia fistula, 2c. per lb.
Caraway seed, Dutch, 1c. per lb.
Russian, 1c. per lb.
Celery seed, French, ¾c. per lb.
Indian, ½c. per lb.
Colchicum seed, 1c. per lb.
Coriander seed, 1¼c. per lb.
Cumin seed, Morocco, ½c. per lb.
Cassia, shortstick, ¾c. per lb.
buds, 1c. per lb.
China, rolls, select, ¾c. per lb.
broken select, ¾c. per lb.
Saigon, 1c. per lb.
Clove, Zanzibar, ½c. per lb.
Dill seed, ½c. per lb.
Elder flowers, bright, 2c. per lb.
Ginger, Jamaica, Japanese, ½c. per lb.
Galangal root, 4c. per lb.
Gentian root, 1c. per lb.
Iceland moss, 4c. per lb.
Mustard seed, Danish yellow, ½c. per lb.
Poppyseed, Dutch, 1½c. per lb.
Paprika, Hungarian, extra fancy, 1c. per lb.
Spanish, extra fancy, 1½c. per lb.
Pimento, ¾c. per lb.
Prickly ash berries, 10c. per lb.
Pulsatilla herb, 3c. per lb.
Pishi tops, 3c. per lb.
Pareira brava root, 2c. per lb.
Senega root, 5c. per lb.
Tansy leaves, 1c. per lb.
Yerba santa leaves, 2c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
178.0	**178.7**	**186.3**	**119.0**

Market news that may have developed after this report was sent to press will be found on page 4.

Berries

Buckthorn. — This Russian product firm. Future replacements uncertain and difficult. Shipping difficulties prevail. Spot trade limited to small lots.

Juniper.—Jobbing trade slow. Prices about steady though some tendency toward shading noted. Replacement cost firm.

Prickly Ash.—Sales made at 30c. to 35c. per pound, a decline. Tendency of prices favor buyers within limits.

Sumac.—Market continued strong. Price advance maintained readily. Little competition.

Flowers

Arnica.—More competition. Sales at 38c. to 40c. per pound, prompt delivery. Seasonal slackening in trade.

Clover Tops.—Further price decline. Market 30c. to 35c. per pound, quantity and seller ruling.

Elder.—Bright flowers down. Sales at 40c. to 45c. per pound as to quantity. More competition in slower market.

Linden.—Firmer tendency in flowers with leaves. Equal firmness in material minus leaves. General stability prevailed on prices.

Mullein.—Market $1.55 to $1.60. Shading possible by 2c. per pound. Stocks in few hands.

Rosemary.—Market higher at 45c. to 50c. per pound. Broadening of demand noted. Little pressure to sell. Future replacements uncertain.

Gums

Aloe.—Socotrine shaded to 45c. to 50c. per pound. Cape steadier. Curacao gum shows maintained strength. All replacement costs firm.

Arabic.—None too ample unsold stocks. Most of recent arrivals went to fill contracts. Prices generally firm. Delays in arrivals from source expected to continue.

Benzoin.—Trade routine. Sumatra gum steadier on spot. No tendency toward further major price drop.

Camphor. — Japanse natural camphor

—Continued on page 50

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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What You Can Use

Guide to Materials That Are Suitable for Various Purposes in Chemical Converting, Compounding, and Processing Industries

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Oils

Emulsifiers for Oils

(Continued from December 11 issue)

Betamethylaminoethyl ether acylated with lauric acid and sulphonated
Borax
Buckwheat starch
Butyl acetylricinoleate
Butyl ester of acetylricinoleic acid
Butyl ester of acetylated polymerized ricinoleic acid
Butyl ester of polymerized ricinoleic acid
Butyl ester of ricinoleic acid
Butyl ricinoleate
Butylnaphthalenesulphonic acid
Calcium oxide
Calcium oleate
Canna starch
Carbohydrates
Castor oil, acetylated
Castor oil, acetylated polymerized
Castor oil, sulphonated
Castor oil fatty acids
1:6-Chloronaphthalenesulphonic acid
4-Chlor-3-nitrobenzene-1-sulphodecylamide
Chlorotetrahydrobenzene
Cetyl-1-sulphuric acid ester, normal
Carbodite
Casamine
Casein
Cholesterin
Clay
Cobaltous oleate
Condensation products of:—
(1) Beta-aminoethylphenyl ether with lauric acid
(2) Beta-aminoethylphenyl ether with stearic acid
(3) Beta-aminoethyltolyl ether with lauric acid
(4) Beta-aminoethyltolyl ether with stearic acid
(5) Betamethylaminoethylphenyl ether with lauric acid
(6) Betamethylaminoethylphenyl ether with stearic acid
(7) Fatty acid glycerides with naphthalenesulphonic acid
Cumenedisulphonic acid
Cumenesulphonic acid
Cyclohexylcyclohexanol sulphonate
Cyclohexylethanolamine
Dari starch
Decylguanidin hydrochloride
Diamylamines
Dibutyl ricinoleicsulphonate
Dicarboxylic acid of monocyclic terpene
Dicarboxylic acid of polycyclic terpene
Diethylaminobetaoxypropylamine
Diethylbenzylethylenediamine
Diethylene oxide
Diethyleneethylenediamine
Diethyleneethylenediamine, asymmetrical
Diglycol laurate
Diglycol stearate
Dihydroxystearates
Dioxan
Dodecylchloroacetic ester reacted with sodium thiosulphate
Dodecylguanidin hydrochloride
Dodecylpiperidin, normal
Emulsifier B 585
Emulsone
Eritan
Ethanolamine
Ethanolamine oleate
Ethanolamine palmitate
Ethyl acetylricinoleate
Ethyl ester of acetylated polymerized ricinoleic acid
Ethyl ester of polymerized ricinoleic acid
Ethyl ester of ricinoleic acid
Ethyl ricinoleate
Ethylnaphthalenesulphonic acid
Fatty acid ethanolamides
Fatty acid ethanolamides glycolated with ethylene oxide
Fatty alcohols
Fatty alcohols, sulphonated
Fatty amides of aromatic aminosulphonic acid
Flour
Gamma-4-N-octylcyclohexylbutyric acid
Gamma-4-secondary-butylcyclohexylbutyric acid
Gardinol
Glue
Glycerides
Glycerin esters
Glycerol beta-acetylether
Glycol esters
Glycol stearate
Glycollic acid
Glycollic acid salts and their derivatives
Glycopon
Glycosterin
Guaiac saponin
Hemicellulose
Heptyl alcohol
Hexadecylguanidin hydrochloride
Higher fatty amines and their derivatives
Hydrophtal
Hydroxystearic diglyceride
Immersol
Invadene
Invadin
Iron arabate
Isomerpin
Isopropylchloronaphthalenesulphonic acid
Isopropylnaphthalenesulphonic acid
Kali penetrators
Kaolin
Kapinol
Lanoclarin
Laurylnaphthionic acid
Lead-titanium tungstate-resinate
Lecithin
Lentil starch
Linoleate-tungstates
Magnesium arabate
Magnesium oleate
Magnesium valerate
Merpentine
Mesitylenedisulphonic acid
Mesitylenesulphonic acid
Meta-aminodimethylanilin
Methyl acetylricinoleate
Methyl ester of acetylated polymerized ricinoleic acid
Methyl ester of polymerized ricinoleic acid
Methyl oleicsulphonate
Methyl ricinoleate
Methyl undecylinate
Methyldodecylaminoacetic acid
Methylenedisulphonic acid
Methylethyleneglycol monopalmitate
Methylhexalin
Methylnaphthalenesulphonic acid
Mineral oils, sulphonated
Miscibol
Monobutylnaphthalenesulphonic acid
Monocarboxylic acid of monocyclic terpene
Monopole oil
Montanimidoethyl ether hydrochloride
Monostearates
Naccolene
Nacconol
Naccosol
Nacon
Naphtha oil, sulphonated
Natphthalenesulphonic acid
Naphthalides of oxyfatty acids
Naphthenic acid
Naphthenic acid derivatives and their salts
Neomerpin
Neopen
Oat starch
Octyl alcohol
Octylguanidin hydrochloride
Oleic benzylglycolsulphonate
Oleic cyclohexylamide
Oleoglyceryl sulphate
Oleyldiethylethylenediamine
Oxyalkylated aromatic sulphonic acids
Oxyalkylated hydroaromatic sulphonic acids
Oxyethylated fatty amines
Palmitic acid, sulphonated
Paracymene sulphamides
Paradiethyldodecylamine normal oxide
Paradimethylaminododecylbenzene normal oxide
Paradimethylaminolaurophenone normal oxide
Paradimethylaminostearophenone normal oxide
Paradimethyldodecylamine normal oxide
Pea starch
Pectins
Penetralene
Penetraline
Perminol
Perpentol
Pepper starch
Phenanthrenedisulphonic acid
Phenanthrenesulphonic acid
Polyglycerol esters
Polyglycol esters
Polysaccharides
Potassium betatetrahydronaphthalenesulphonate
Potassium heptanaphthalenesulphonate
Potassium hexanaphthalenesulphonate
Potassium hydroxide
Potassium isoallylnaphthalenesulphonate
Potassium isopropylchloronaphthalenesulphonate
Potassium linoleate
Potassium oleoabietate
Potassium pentylnaphthalenesulphonate
Potassium propylnaphthalenesulphonate
Potassium resinate
Potassium ricinoleicsulphonate
Potassium stearate
Potato starch
Propylnaphthalenesulphonic acid
Proteins
Pseudocumenedisulphonic acid
Pseudocumenesulphonic acid
Red oil
Rice starch
Ricinoleic acid
Ricinoleic acid sulphuric-diester
Ricinoleic acid sulphuric-monoester
Rye flour
Sago starch
Salts of uretanes containing carboxyl groups
Saponin
Semiether of glycol fatty alcohols

(To be continued)

Botanical Drugs

Gums

—Continued from page 49

strictly nominal. Very little offered for shipment. Elimination of German synthetic has increased world-wide demand. Domestic U.S.P. syntheic firm at late advance. Makers accepting booking business January and forward only; none for prompt delivery. Stocks very small. No change in synthetic for technical use. Future determinable by trend in turpentine prices.

Gamboge.—Market easier. Pipe, 70c. to 75c. per pound; powder, 75c. to 80c., both declines. Competition more important.

Myrrh.—Slacker trade brings competition. Easier and lower prices at 60c. to 65c. per pound. Decline not likely to extend far. Stocks moderate.

Herbs and Leaves

Broomtops.—Relaxed demand relaxes prices. Market 14c. to 15c. per pound.

Euphorbia Pil.—Prices held steady. Not likely to decline further owing to moderate supply. Not much demand.

Deer Tongue.—Slightly firmer at 11c. to 12c. per pound. Better demand noted but still jobbing.

Henna.—Fully firm to strong. Replacement slow and uncertain with cost comparatively high. Whole up to 18c. 20c. per pound. Recent rise of powder to 20c. to 22c. maintained.

Marjoram.—Chilean herb steadier. Less tendency toward shading. French edging toward firmness. Demand moderate.

Pichi.—Price support withdrawn. Competition brought sales at 15c. to 16c. per pound. Some gains in stocks.

Stramonium.—Current trade irregular. Prices about steady. No undue unsold stocks. Sellers able to hold until demand betters.

Tansy.—Shaded to 22c. to 23c. per pound. Slower demand seasonal and expected. Unsold stocks conservative.

Uva Ursi.—No further price weakening. Sales at 11c. to 12c. per pound in moderate quantities. Some sellers reserved.

Yerba Santa.—Some quarters let prices down to 9c. to 10c. per pound, reporting little selling.

Miscellaneous

Cantharides.—Russian shaded to $2.75 to $2.80 per pound, whole, and $2.85 to $2.90, powdered. Chinese unchanged.

Cassia Fistula.—Still further decline makes market 13c. to 14c. per pound. Activity restricted.

Ergot.—Basically strong. Values likely to advance further. Unsold stocks held in strong hands abroad. Offering of replacements irregular and insignificant. Some manufacturing consumers increased reserves, removing some buying pressure and relieving immediate needs.

Iceland Moss.—Inquiry moderate. Sales fair to light. Prices shaded to 18c. to 20c. per pound.

Kola Nuts.—Undertones slightly unsettled. No further drop in open prices. Moderate spot holdings. Replacement likely with fair regularity.

Lycopodium.—None too ample spot stocks but holdings show moderate gain. Prices steady at decline.

Papain.—Further decline avoided. Competition still active and unsettling. Conservative buying noted.

Roots

Althea.—Range narrower. Market, 45c. to 50c. per pound on cut root.

Arrowroot.—Business, January forward, 9½c. to 10c. per pound for powder in barrels; bags, 9c. to 9½c. Higher to meet rise in replacement cost.

Berberis.—Easier undertones. Open prices down to 11c. to 12c. per pound in confined consuming market.

Byronia.—More of a buyers' market. Sales at 15c. to 16c. per pound, lower.

Galangal.—Outlook fair for continuing supply. Spot price now 11c. to 12c. per pound, slightly down. Little call.

Gentian.—Decline extended. Whole, 14c. to 15c. per pound; ground, 16c. to 17c.; powder, 17c. to 18c. Foreign shipments loosening slightly.

Hellebore.—Powdered white root up to 11c. to 12c. per pound. Little demand a seasonal condition. Stocks narrower, bringing slight rise.

Pareira Brava.—Market 21c. to 22c. per pound, being lower. Supporting demand relaxed, seasonally.

Senega.—One quarter named 80c. per pound. Others asked 85c. up. Primary market under strong control.

Seeds

Anise.—Bulgarian lower at 14½c. to 15c. per pound. Spanish nominally 28c. to 29c. Mexican, 13c. to 14c.

Caraway.—Lower at 15c. to 15½c. per pound. Demand light. Russian, down to 13½c. to 14c.

Celery.—Small trading breaks prices. French, 18c. to 18½c. per pound; Indian, 15c. to 15½c.

Colchicum.—Down to 35c. to 37c. per pound. True weakness absent. More competition occasionally.

Dill.—Recleaned still lower at 16c. to 16½c. per pound under competition.

Mustard.—A little Dutch seed nearby offered at 10¾c. to 11¼c. per pound. Danish yellow down to 11½c. to 12c. California and Roumanian seeds unchanged.

Poppy.—Dutch down sharply to 17c. to 17½c. per pound; Hungarian, higher at 16½c. to 17c.

Spices

Cassia.—Shortstick off to 13¾c. to 14¼c. per pound. Buds off to 13c. to 13½c. China selected rolls, down 9¾c. to 10¼c.; broken select, 10¼c. to 10¾c. Saigon shaded to 15½c. to 16c.

Clove.—Only Zanzibar spice offered. Market lower at 17½c. to 18c. per pound.

Ginger.—All varieties steady to firm. Bright grinding Jamaica higher at 9¼c. to 9¾c. per pound. Japanese shaded to 8c. to 8¼c. African steadier but unchanged.

Nutmegs.—West Indians a shadow lower at 13¾c. to 14c. per pound. East Indians unchanged.

Paprika.—Hungarian extra fancy down to 34c. to 35c. per pound. Extra fancy Spanish, off to 36c. to 37c. Others unchanged.

Pepper.—Sole spot price change in black Tellicherry, quoted down to 8c. to 8½c. per pound but offered firm. Red and white peppers steady.

Trading in black pepper futures on the New York Produce Exchange from December 9 to December 15, inclusive, comprised 96 contracts, a total of 3,225,600 pounds. Following is a price record for the week:—

	Cents per pound—		
	High.	Low.	Close.
January	4.23	4.07	4.16@4.23
March	4.30	4.18	4.30@4.35
May	4.24	4.11	4.37@4.41
July	4.48	4.21	4.46@4.48
September	4.54	4.31	4.52@4.56
October	4.47	4.41	4.55@4.60
November	4.53	4.43	4.57@4.62
December	4.15	4.00	4.16@4.23

Pimento.—Foreign buying at source ended. Spot quotations relaxed to 15¼c. to 15¾c. per pound. Undertones generally easier.

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FACTORIES AT CLIFTON, N. J. AND SEILLANS (VAR) FRANCE

Essential Oils, Aromatic Chemicals

Ceylon Citronella Up — Distilled Lime Advanced — Wormseed Offerings Small at Rise — Petitgrain Supply Short — Demand Feels Year-End Influence—Wormwood Strong and Higher

Although numerous advances in prices on essential oils took place last week, the rising values related more to replacement conditions than to those associated with demand current during the period under review. Actual trading was mainly along jobbing lines, and hence the total volume of sales was distinctly conservative.

End-of-the-year influences appeared to be at work. The shrinkage of demand as the inventory period draws nearer is possibly more pronounced than usual this year. Accounting for this, well-informed factors indicated that the heavy trade, virtually through September, October and part of November had probably raised buyers' inventories to a level higher than for the past several years. Therefore, the cutting down in trade was generally expected, and caused little surprise when it arrived.

The important fact is that values were holding and showing definite strength, regardless of the curtailment in demand. Inventories of spot dealers will be low this year, and hence the shrunken movement of stocks to buyers at this time has failed totally to induce any price weakness among suppliers. On the contrary, their views show strength and confidence in the future of trade.

Price Changes

Advanced

Citronella, Ceylon, 2c. per lb.
Lemon, Italian, 10c. per lb.
Lime, distilled, 25c. per lb.
Patchouli, 25c. per lb.
Petitgrain, 15c. per lb.
Wormseed, 5c. per lb.
Wormwood, 10c. per lb.

Reduced

Anise, 2c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
92.4	91.7	90.1	68.7

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond. — Some gain in demand. Firmer undertones and prices. Reserves conservative. Replacements uncertain and slow.

Amyris.—Little interest shown. Values generally steady. Stocks low and lack general distribution.

Anise.—Market easier. Prices lower at 73c. to 78c. per pound. Jobbing demand not expanded. Stocks not unduly ample.

Bay.—Primary market firmer. Fair stocks on spot held at steady prices. Some consigned lots quoted above buyers' limits. Routine request at all times.

Bergamot. — Jobbing demand prevailed. Buyers aloof pending offering of new crop. Not all importers expect lower import cost on new production. Control of supply and price absolute in Italy.

Birch Tar.—Routine trade general. Replacement values firm at source. Offerings light abroad. Spot holdings conservative. Prices steady.

Bois De Rose.—Brazilian replacement offerings nil. Undertone firm at source. Spot trade irregular, tending toward jobbing size. Quotations steady.

Cade.—Conservative trading the rule. Seasonal recession in demand normal. Prices steady to firm on spot. Well maintained in primary market.

Cajeput.—Price tendency still upward. New change lacking. Strength here traceable to primary market position. Local reserves conservative.

Calamus.—Slow but stable market. Prices steady, lacking new tendency.

Camphor.—Situation still strong. Impossible to get normal shipments from source. Growth of substitute sales noted. Prices nominal.

Cananga.—Request irregular. Undertones steady. Market lacks competition. Stocks moderate to light.

Capsicum (Oleoresin).—Firm prices and steady call. Quantities wanted conform to year-end period. Raw material firm.

Caraway.—Market firm but inactive. Steady spot price corresponds to foreign situation. Stocks conservative.

Cassia.—Market steady. Undertones tend firmer. Demand light and irregular. Replacement cost well maintained.

Cedarleaf. — Country price advance maintained. Local trade jobbing. Undertones very firm. Fair stocks.

Celery.—Little call in steady market. Production cost declining as raw material prices drop. Spot quotations hold.

Citronella.—Prices on Ceylon oil higher. Drums, 46c. to 47c. per pound; cans, 48c. to 49c. Rise here reflects strong primary market. Java oil firm but unchanged.

Clove. — Market stable. Deliveries from producers reasonably prompt. New business, immediate delivery light. Fair interest in January and forward.

Coriander. — Ample raw material stocks available. Importations heavy of late. Oil steady to firm. Demand jobbing. Stocks fair.

Cubeb.—Raw material strength communicated to oil. No competition in latter. Prices well maintained. Tendency upward. Reserves moderate.

Dill.—Small lot sales the rule. Prices firm. Replacement of imported oil uncertain and irregular. Transport costs high. Spot stocks in fair distribution.

Eucalyptus. — Situation not improved. Source offers little or nothing to any port. Prices firm here. Absence of competition strong local factor.

Geranium.—Ban on Algerian exports reported. Reason unknown. Situation stronger here on that basis. No change in price. Tendency upward. Bourbon oil steady in all respects.

Grapefruit.—Demand feels year-end lull. Plentiful supply indicated. Prices about steady here and at source.

Ginger. — Tendency still upward, moderately. Steady to firm prices. Demand occasional and for small lots. Raw material slightly steadier.

Juniper.—Undertones firm to steady. Recent advance fully maintained. Sellers reserved. Replacement justifies spot position. Local stocks not large.

Lavender.—Market holding well. Demand irregular under seasonal influences. Replacement costs well maintained abroad. Offerings for shipments moderate. Spot quotations steady.

Lemon.—California oil steady. Six-month contract booking well. Messina advices indicate fairly high cost on new crop when offered. Little interest shown here. Spot price Messina oil $3.40 to $4 per pound. California oil, $3.

Lemongrass.—Undertones fully firm to strong on spot. Replacement advances supported by good buying. No further advance here.

Lime.—Distilled oil higher at $4.25 to $4.50 per pound. Rise in replacement the cause. Expressed unchanged. Demand moderate.

Orange.—Trade routine. Inventory period affects volume. Prices steady. Supplies, actual and promised, ample. California oil finds high favor. New crop orange awaited.

Patchouli.—Rising import cost sends spot to $4.50 to $5 per pound. Sellers reserved on light holdings. Moderate request.

Peppermint. — Steady but inactive market. Primary market well held. Stocks in strong hands at source. Local trade light and irregular. Situation seasonal.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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Pimento.—Raw material, berry oil, scored slight decline. Foreign buying drops. Spot quotations still firm. Leaf oil steady to firm. Call occasional.

Sassafras.—Artificial oil strong. Shipments sold well ahead. Japan offers little oil or raw materials to this market. Natural oil firm at recent rise.

Spearmint.—Little business done. Market steady in most quarters. Spot prices well maintained in line with primary market costs.

Wormseed.—Spot higher at $3.35 to $3.40. Most local factors report inability to secure oil in primary market. Larger demand to raise prices.

Wormwood.—Quotations rose to $5.35 to $5.50 per pound. Unsold primary market stocks small. Held in strong hands. Current call light.

Aromatic Chemicals

Acetophenone.—Trade routine but fair. Only urgent needs bought. Prices steady.

Amyl Phenylacetate.—Jobbing demand continued. Trading definitely on actual need basis. Slow trade expected balance of year.

Amyl Salicylate.—Call decreased. Trade hand-to-mouth. Prices held.

Anethol.—Market steady but in doldrums. Raw material lower again. Anethol price unchanged.

Anisic Aldehyde.—Price stability the rule. Little except hand-to-mouth trade noted. Fair stocks held.

Benzaldehyde.—Demand typically year-end in volume. Prices steady to firm. Believed any change would be upward.

Benzyl Acetate.—Well stabilized prices and fair request.

Benzyl Alcohol.—Inquiry conservative and sales jobbing. Undertones firm. Prices well maintained.

Benzyl Cinnamate.—Unaltered prices. Little competition between suppliers. Trade seasonably light.

Benzyl Formate.—More inquiry but little gain in sales. Undertones steady. Prices firm.

Benzyl Propionate.—Call remained at recent conservative level. No disturbance to steady prices. Reserves sufficient.

Cinnamic Aldehyde.—Pure quality had fair movement. Volume not unusual. All values steady.

Coumarin.—Business fair but falling off moderately. Seasonal influences at work. Prices show stability.

Diethyl Phthalate.—Slightly more competition in resale quarters. First-hand prices maintained. Request irregular.

Dimethyl Hydroquinone.—Little interest shown. Steady market undisturbed. Sellers expect sales gain with turn of year.

Diphenyl Methane.—Hand-to-mouth trade the rule. Shrunken request no more than seasonal norm. Prices well maintained, first and secondhands.

Diphenyl Oxide.—Full market stability noted. Selling in abeyance pending inventory completion by buyers. No real shortage in stocks.

Ethyl Vanillin.—Producers report steady price views. Fall business was good. Present call seasonally influenced.

Eucalyptol.—Raw material strength unrelaxed. Eucayptol prices very firm. Sellers expect no downward reaction despite current conservative call.

Eugenol.—Situation well stabilized. Raw material situation improved some. Quotations well maintained.

Heliotropine.—Market quiet. Prices firm and well maintained. Little competition. Reserves moderate.

Menthol.—Price shaders disappear. Prices firm, $3.35 to $3.45 per pound. Still out of line with replacement cost.

Methyl Acetophenone.—Inquiry fair, considering time of year. Movement keeps prices steady to firm. Little competition noted.

Methyl Anthranilate.—Undertones steady. Sellers offer freely at unchanged prices. Stocks of imported light.

Methyl Benzoate.—Irregular demand. Volume conservative but seasonal. Competition not important factor. Prices well held.

Methyl Cinnamate.—Makers of soapmakers' perfumes hold stocks sufficient for needs to end of year. Quotations steady.

Musk.—Domestic goods fill most demand. Replacements of foreign item subject to slow transport at fairly high cost. Current trade conservative. Prices steady.

Pelargol.—Seasonal call rather more than usual. Market undertones kept steady. Prices firm.

Phenyl Acetaldehyde.—Both 50 percent and 100 percent in fair request. Quotations stable and unchanged. Competition negligable at moment.

Phenyl Acetic Acid.—No tendency to shade prices. No surplus of supplies. General situation called satisfactory.

Phenyl Ethyl Acetate.—Interest fair but confined to urgent needs. Tendency to hold aloof and keep inventories down. Prices stable.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

Tung Oil Arrivals At N.Y. Show Gain

Since the last issue of the REPORTER was published, importations have been reported of three lots of chinawood oil at New York, comprising 1,035 tons from Hongkong and 150 drums from Shanghai.

Petroleum Solvents Lubricants, Fuels

Paraffin in Heavy Demand at Higher Prices in West — Solvents and Diluents Less Active — Gulf Coast Gasoline Reduced — Kerosene Up in Midwest

Continued strength in paraffin wax was reported in all sections of the country last week. Prices on crude scale were advanced in the Midwest and the Midcontinent, and reports from Chicago advised that the refined grades were also boosted there. In view of the depleted stocks, sales were limited in the East and prices were purely nominal.

White mineral oils and petrolatum were in good demand and the market was tight. The active interest, coupled with low stocks, caused a very strong price structure for these materials. The market for petroleum solvents and diluents was less active with consumers keeping down purchases for the benefit of year-end inventory. The takings of the paint trade were small and shipments of rubber solvent to tire makers were irregular. Kerosone was advanced in the Midwest despite the continued mild temperature that held down orders. Gulf Coast gasoline sellers made an anticipated reduction in quotations. Lubricants were strong in all sections.

Solvents and Diluents

Cleaners' Naphtha.—Demand fair with price firm.

High-Solvency Naphtha.—Shipments were for fair-sized lots and prices for all grades were steady.

Petroleum Thinners.—Paint-makers were inactive and deliveries were light. Prices were well-maintained.

Rubber Solvent.—No changes of consequence were reported. Rubber tire-makers were buying small amounts of material. Price was firm.

Stoddard Solvent.—The cleaning trade was showing less interest, although the price held to previous levels.

V. M. & P. Naphthas.—Similar to thinners, paint manufacturers were less active last week. Prices, however, were firm.

Markets at Other Centers

Chicago, Dec. 14.—Trade is reported moderately good in petroleum solvents and diluents even with the approach of the year-end. The price structure is reported fairly stable. The paint industry and other principal purchasers are taking fair amounts of material for current needs. Ruling prices in tankcar lots except as noted are (Tankcar prices, f.o.b. Group 3, Oklahoma):—Blending naphtha, 4¾c. to 5c. per gallon; cleaners' naphtha, 6⅞c. to 7c., tankcar; 18c., tankwagon; petroleum spirits, 5⅞c. to 6c., tankcar; 16.7c., tankwagon; lacquer diluent, 7⅛c.; rubber solvent, 6⅞c. to 7c.; Stoddard solvent, 6⅜c. to 6½c., tankcar; 16.4c., tankwagon; v.m.&p. naphtha, 6⅞c., tankcar; 17c., tankwagon.

New Orleans, Dec. 14.—The market was very steady with current quotations about as follows:—

Cleaning Solvent.—Boiling Range 225/350; gravity 53; presently quoted at 6¾c. delivered, New Orleans, in tankcars.

V.M.P. Naphtha.—Boiling Range 175/425; gravity 48, presently quoted at 6½c. delivered, New Orleans, in tankcars.

Tulsa, Dec. 14.—The market is quiet for all grades except rubber solvents. Suppliers do not appear anxious to absorb any more materials this year. Inquiries for all grades to cover a large part of 1940 requirements are reported from all sections of the mid-continent. Quotations are unchanged with rubber solvent, cleaners' naphtha and v.m.p. at 6⅞c. to 7c. per gallon; stoddard at 6⅜c. to 6½c., and blending naphthas soft at 4¾c. to 5c. Lacquer diluent is 7⅛c. to 8c. per gallon.

Lighter Fractions

Butane.—Demand was not insistent but the price continued strong.

Heptane.—Conditions surrounding the market were unchanged during the period under review.

Hexane.—Consumers were showing a little interest in forward deliveries but the spot market was quiet. Price was firm.

Price Changes

Advanced

Kerosene, 41-43 w.w., Chicago, ⅛c. per gal.
Paraffin, crude scale, Chicago, 70c. per lb.
Group 3, ¼c. per lb.
refined, Chicago, ½c. per lb.

Reduced

Gasoline, Gulf Coast, ⅛c. to ¼c. per gal.

Comparative Values

Index numbers compiled from

Last week.	Prev. week.	Last month.	Last year.

Market news that may have developed after this report was sent to press will be found on page 4.

Octanes.—This mixture continued in a fairly good position although demand was lighter. Price was firm.

Pentanes.—Inquiry was good but the spot demand was light. Price was well-maintained.

Propane.—Similar to butane, there was not a very heavy call for stocks but prices were strong.

Petrolatums and Waxes

White Mineral Oils.—The market for domestic oils continued very strong in view of a heavy demand and a scarcity of stocks. The export call was insistent but several suppliers were limiting their sales to this country. Russian Oil stocks were practically depleted and there were no reports of further imports.

Petrolatum.—Stocks were at a low level and a continued heavy demand threatened a possible shortage. Prices remained strong and were believed surging toward higher ground.

Paraffin.—Crude scale wax was strictly nominal and sellers who had some to offer were reported naming 7c. or 7½c. per pound as their price. Refined grades were in good demand and quotations were strong.

Chicago, Dec. 14.—Continued strength in refined petroleum wax continues to be noted, with buyers trying to get more material than is available from suppliers. Prices were advanced to best levels. Ruling quotations of representative sellers are:—122-124, 6.10c. to 6.15c. per pound; 125-127, 6.10c. to 6.15c.; 127-129, 6.35c. to 6.4c.; 130-132, 6.65c. to 6.7c.; 132-134, 6.9c. to 6.95c.

Tulsa, Dec. 14.—Crude scale wax was advanced ¼c. per pound making the 122-124 grade 6¾c. for car lots and the 124-126 7c. per pound, f.o.b. Oklahoma refineries. A heavy demand continued despite the advance.

Fuels and Lubricants

Gasoline.—Despite a good export call, prices in the area of New York harbor were weakening. Domestic demand was light.

Kerosene.—The interest of consumers continued to improve and strength was added to present quotations.

Fuel and Gas Oils.—Bunker C fuel oil was steady at $1.15 per barrel and all grades of heating oils were firmer in view of a better demand.

Lubricating Oils.—Pennsylvania bright stocks and neutrals continued to be very strong and several sellers were restricting sales. No prices were changed.

Markets at Other Centers

Chicago, Dec. 14.—Weakness persists in the tankcar gasoline market, in contrast with the strength displayed in other sections of the general petroleum market. The 41-43 water white kerosene was advanced. The light heating oils seem to be moving fairly well, despite persistently mild temperatures in the mid-west. Heavy fuels are encountering a good demand from large consumers. Lubricants remain strong and at high prices, with buyers interested.

GASOLINE—Low octane motor, 4¼c. to 4½c. per gallon; 63-66 octane motor, 4½c. to 4¾c.; 67-69 octane motor, 4¾c. to 5c.; 70-72, regular, 5c. to 5¼c.; 60-62, 400, 4¼c. to 4½c.; 64-66, 375, 4½c. to 4⅝c.; 68-70, 360, 5c. to 5¼c.

KEROSENE—42-44, water white, 3¾c. to 4c. per gallon; 41-43, water white, 3½c. to 3⅝c.

FURNACE OIL.—Range oils, 3½c. to 3¾c. per gallon; No. 1 white, 3½c. to 3⅝c.; No. 1 straw, 3⅜c. to 3½c.; No. 2 straw, 3¼c. to 3⅜c.; No. 2 dark, 3⅛s. to 3¼c.; 32-36, dark, industrial gas oil, 3⅛c. to 3¼c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Dec. 14.—Experiencing the first change in domestic market prices for several weeks, all grades of gasoline evidenced a slight price change. U. S. Motor gasoline was quoted at 5¾c., being a ¼c. decrease; 63-67 octane was quoted at 6c. and 70-72 octane at 6½c. the latter price reflecting a ½c. decrease; all prices being based on a per gallon rate at refinery.

Kerosene continued to be quoted at 7¼c. per gallon at refinery.

Bunker C fuel oil was quoted at 90c. per barrel at terminal and 95c. per barrel delivered alongside, while industrial plants in this vicinity continued to be quoted on this grade at $1.36 per barrel, delivered alongside.

—*Continued on page* 54

Outputs and Quotas

A comparison of Bureau of Mines calmulations for December productions, State allowable quotas where they exist and the American Petroleum Institute's estimate for crude production for the week ended December 9 follows:—

	*B. of M. Dept. of Int. calculations.	State allowables.	Estimated output.
Oklahoma ...	437,600	437,600	†436,650
Kansas	168,000	170,600	†161,550
Nebraska	....	....	†50
Texas	1,438,100	‡1,402,673	1,568,800
Louisiana ..	255,200	255,200	273,900
Arkansas ...	56,100	69,442	68,900
Mississippi ..	....	....	†1,700
Illinois	315,200	....	337,250
Eastern	104,600	....	100,200
Michigan ...	61,000	....	64,950
Wyoming ...	60,000	....	66,250
Montana	15,200	....	17,200
Colorado	4,200	....	3,900
New Mexico.	110,000	111,000	110,750
California ..	594,500	§599,000	615,300
Totals	3,619,700	....	3,827,350

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of December. As requirements may be supplied either from stocks, or from new productions contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Okla., Kans., Miss., Neb. figures are for week ended 7 a.m. December 6.

‡ This is the net basic allowable as of December 1 obtained from the best available sources and reflects ordered shutdowns for 12 days, namely, December 1, 2, 3, 9, 10, 16, 17, 23, 24, 25, 30 and 31. Experience indicates that due to allowables granted above net scheduled exemptions and also because of new wells completed, the basic net allowable as of the first of the month is always subject to upward revision.

§ Recommendation of Central Committee of California Oil Producers.

Trade Briefs

South American Gulf Oil Company recently placed in use a 259-mile pipeline in Colombia.

Humble Oil & Refining Company has purchased a 5,310-acre oil lease in the new Rosenberg field, Fort Bend county, Texas.

South Penn Oil Company has bought holdings of Spear & Riddle Company, Wheeling, for $150,000. Included was chain of service stations.

Hambleton Terminal Corporation will construct a $1,400,000 catalytic-process gasoline refinery in Buffalo, with a capacity of 5,000 barrels daily.

Susquehanna Pipeline Company, owned by the Sun Oil Company, Philadelphia, has been valued by the Interstate Commerce Commission at $4,460,000 for rate-making purposes.

Edward L. Shea, former executive vice-president of Tide Water Associated Oil Company, has been elected president of the North American Company, public utility holding company.

Tidewater Associated Oil Company and Seaboard Oil Corporation are building a new natural gasoline and recycling plant in Anderson County, East Texas. Daily intake will be 40,000,000 cubic feet of gas and production of 25,000 gallons of gasoline.

Production tax of 5 cents a barrel on crude petroleum is being promoted before the Texas legislature by Ernest O. Thompson, president of the Interstate Oil Compact Commission and a member of the Texas Railroad Commission. Mr. Thompson would also have the transportation of oil by pipeline taxed 5 cents a barrel.

The State of the Petroleum Market

Gulf Coast gasoline prices were advanced ⅛c. to ¼c. per gallon. Crude oil was unchanged.

	Dec. 15	Dec. 8	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.1845	$1.1845	$1.11
Gasoline prices at refineries (at four refining centers) per gallon	.0529525	.053775	.0478125

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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Petroleum Production—Motor Fuel Stocks

	Barrels	
	1939 Jan. 1-Dec. 16	1938 Jan. 1-Dec. 16
Commercial crude oil production	1,161,183,000	1,140,612,924
	Week ended Dec. 16, 1939	Week ended Dec. 17, 1938
Daily average production	3,814,797	3,231,076
	Week ended Dec. 9, 1939	Week ended Dec. 2, 1939
Estimated motor fuel stock total	77,196,000	76,365,000
Estimated finished motor fuel stock total	71,886,000	71,220,000

Petroleum Solvents, Lubricants, Fuels

Fuels and Lubricants

—Continued from page 53

Tulsa, Dec. 14.—Spot trading in the whole market is very dull. In gasoline it is due to the tremendous volume that is being offered which is causing buyers to delay their purchases in view of the possibility of continued weakness; in distillates it is due to the lack of cold weather; in kerosene, suppliers have sufficient inventories; in lubricants and wax it is because the supply is well contracted and there are no offerings. Fuel oil is the only product which is moving, although in the Illinois markets the product is scarce. Following are the prices for the various products traded in the mid-continent market on the basis of group three:—

GASOLINE.—Very weak; third grade, 3¾c. to 4½c. per gallon; 63-66, 4½c. to 4¾c.; 67-69, 4¼c. to 5c., and 70-72 octane, 4½c. to 5½c.

KEROSENE.—Steady, with 41-43 at 3⅝c. to 4¼c. per gallon and 42-44 at 3¾c. to 4⅝c.

NATURAL GASOLINE.—Soft, with 26-60 offered freely at 3½c. to 3¾c. per gallon and 18-55 at 4¼c. to 4½c.

DISTILLATES.—Firm and quiet. No. 1 prime white, 3⅝c. to 3⅞c. per gallon; No. 1 straw at 3½c. to 3¾c.; No. 2 straw, 3⅜c. to 3¾c. and dark at 3⅛c. to 3½c. Gas oils are very strong at 2⅞c. to 3⅛c. per gallon.

FUEL OILS.—Strong, with lowest gravities residuals at 50c. to 70c. per barrel in group three, and 18-22 degree, 65c. to 75c. In Illinois, the 18-22 is 75c. to 80c. per barrel; the 22-28 gravity, 80c. to 95c., and low cold test, $1 to $1.10.

LUBRICANTS.—Prices very strong and stocks low.

Crude Oil Daily Output Up

Daily average crude oil production in the United States during the week ended December 9 was 3,827,350 barrels, an increase of 537,150 over the 3,290,200 in the previous week, according to the American Petroleum Institute. An increase of 508,350 barrels in the daily average output of Texas accounted almost entirely for the gain. Stocks of finished gasoline at the end of the week increased 666,000 barrels over the previous week to 7,886,000. These stocks were 64,565,000 barrels on December 9, 1938.

Fuel Oil Standards Effective January 5

OPD Washington Bureau
December 14, 1939

Commercial standards for fuel oil, CS12-38, will become effective for new production as of January 5, 1940, according to the National Bureau of Standards. This announcement was made following the receiving signed acceptance from a number of producers, distributors, and users estimated to represent a satisfactory majority. The standard is identical in substance with the tentative specifications for fuel oils D 396-39T of the American Society for Testing Materials.

Oils, Fats and Waxes

—Continued from page 45

Fats and Greases

Greases.—Steady at recent decline. Demand fair. Stocks reported moderate.

Lard.—Local cash trade stimulated by upturn in futures and other commodities. Export movement light. Prices easy, then firmer.

Stearin.—Inquiry better. Sales reported at unchanged prices.

Tallow.—Offerings lighter and market tone regarded as steadier. Transactions reported generally limited to small or moderate lots.

Trading in tallow futures on the New York Produce Exchange from December 9 to December 15, inclusive, comprised 8 contracts, a total of 480,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
January	...	...	5.41 bid
March	...	...	5.55 bid

Markets at Other Centers

Chicago, Dec. 15.—The cash lard trade has been backing and filling. Shipping trade fair. Following is a price record, per 100 pounds, for the week:—

	High.	Low.	Closing Dec. 15.	Closing Dec. 8.
Cash	$6.40	$6.02	$6.40	$6.22
January	6.52	6.05	6.40	6.27
May	7.15	6.67	7.07	6.85

TALLOWS (tierces).—Edible, 5½c. to 5¾c. per pound; prime, 5¼c. to 5½c.; fancy, 5¼c. to 5½c.; special, 5c. to 5¼c.; No. 1, 4⅞c. to 5⅛c.

GREASES (tierces).—Choice white, 5⅜c. to 5½c. per pound; A white, 5⅛c. to 5⅜c.; B white, 5c. to 5¼c.; yellow, 10-16, 5c. to 5¼c.; yellow, 16-20, 4¾c. to 5c.; brown, 4⅝c. to 4¾c.

STEARINS (barrels).—Prime oleo, 7c. to 7½c. per pound; lard, packaged, 6⅞c. to 7c.; white grease, 5¾c. to 6c.; yellow grease, 5½c. to 5¾c.; oleo stocks, 8½c. to 9c.; No. 2 stocks, 8c. to 8½c.

Animal Oils

Degras.—Prices generally held at former levels. Demand fairly active. Domestic and imported stocks light or moderate.

Lard.—Selling schedules unchanged. Purchases limited to comparatively small or moderate lots.

Neatsfoot.—Quotations stationary. Business of a conservative character. Raw material firm.

Oleo.—Increased request for moderate quantities. Prices steady. Stocks reported increasing.

Tallow.—Prices unchanged. Business quiet.

Markets at Other Centers

Chicago, Dec. 15.—Animal oils quiet.
LARD.—No. 1, 8¾c. to 9c. per pound.
OLEO.—Prime, 8¼c. to 8½c. per pound.
TALLOW.—Acidless, 8c. to 8¼c. per pound, tanks.

Whaling Season Opened

With one United States ship at the whaling grounds, the 1939-40 season on baleen whales opens in the Antarctic December 8, according to the Bureau of Fisheries of the Department of the Interior. The season will continue three months, ending March 7, 1940. Nine "killer boats," plus the mother ship, S. S. Ulysses, will represent the United States' lone expedition this Antarctic season. The Ulysses, a "factory reduction" vessel, sailed from Norway in October.

October Medical Exports Reach High Record

—Continued from page 4

October, an increase of $167,000 over the amount reported in October, 1938. In this group shipments of asthma and hay fever preparations increased in value from $23,500 to $47,000; cough and cold remedies, from $69,000 to $90,000; milk of magnesia, from $29,000 to $68,000; and headache remedies, from $10,000 to $19,000. Declines occurred in exports of cathartics, and corn remedies.

Alfred S. Kohl, manager of the castor oil department of Spencer Kellogg & Sons, Inc., has just returned to Buffalo from an 18,000 mile flight to Brazil where he established new business connections which will provide an adequate source of castor beans.

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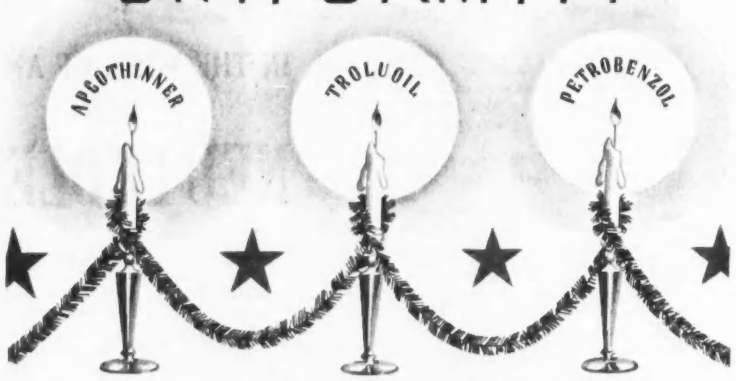

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Fertilizer Materials

Raw Materials Market Quiet Except in Midwest — England Heavy Blood Importer Causing Price Advance — Bone Materials Strong—Fertilizer Tag Sales Down

Activity in the raw fertilizer materials market continued sluggish in most sections of the country last week. A possible exception was in the Midwest, where a healthy tone was reported. In general, buyers were apparently holding down purchases for the purposes of keeping inventories at a low level around year-end. Reports from Chicago indicated that domestic blood was in moderate call, but the market was weak in the East. The imported product was advanced, however, due to the fact that England became a heavy buyer during the period. Imported bone meal was also advanced and bone products in general were the strength of the market. Fish scrap plants in the Chesapeake Bay area were apparently cleaned out of dried menhaden, and all movements were resales. The market for the wet, acidulated material was dull.

Fertilizer tag sales in seventeen states during November totaled 110,205 tons, compared with 210,115 in October, and 146,872 in November, 1938, according to the National Fertilizer Association. Total sales in the first eleven months of the year amounted to 5,228,237 tons, 4 percent greater than the 5,144,225 tons recorded in the corresponding period of 1938.

Nitrogenates

Anhydrous Ammonia.—Contract deliveries light with little spot demand. Prices were firm.

Calcium Nitrate.—Few contract deliveries reported. Price firm.

Castor Pomace.—Unchanged at $17.50 for car lots of domestic material.

Cyanamid.—Little consuming interest but price steady.

Dried Blood.—The New York market was dull and offerings were general at $3.50 per unit, compared with the previous week's price of $3.50 to $3.75. Imported material was advanced 5c. per unit to $3.45.

Fish Scrap.—Scrap nominal in Chesapeake Bay. Other prices unchanged.

Manganese Sulphate.—The 65 percent fertilizer grade steady at $48.75 per ton for car lots.

Nitrate of Soda.—Little activity with price unchanged.

Nitrogen Solution.—Demand and price unchanged from previous week.

Nitrogenous Material.—Firm at $2.90 per unit, f.o.b. East Coast plants.

Sulphate of Ammonia.—Heavy export call but domestic market quiet.

Tankage.—The demand was not very insistent but all prices were held to previous levels.

Urea.—Imported material nominal with sales limited.

Urea-Ammonia Liquor.—Little interest with price firm.

Potashes

Cottonseed Hull Ash.—Firm at $1.10 per unit with interest off.

Kainit.—A few more sales than the previous week reported. Price steady.

Manure Salts.—Contract shipments slackening off but price unchanged.

Muriate.—Good inquiry for future reported. No price changes.

Sulphate.—Sales limited due to low stocks. Price firm.

Price Changes

Advanced

Blood, dried, imp., 5c. per unit, c.i.f. ports.
Bone, meal, imp., $2 per ton, c.i.f. ports.

Reduced

Fish meal, cal., $1 per ton, f.o.b., S. San Francisco.
Tankage, dry-rendered, grd., $2.50 per ton, f.o.b. S. San Francisco.
unground, 5c. per unit, f.o.b. S. San Francisco.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
67.0	67.0	67.0	66.3

Market news that may have developed after this report was sent to press will be found on page 4.

Phosphates

Bone Materials.—All grades were strong and imported products were scarce. Imported 3 and 50 was selling at $32 per ton, $2 higher than the previous week.

Phosphate Rock.—Consumption light for all grades. Prices unchanged.

Superphosphate.—Price well maintained despite lack of interest.

Sulphur and Pyrites

There was only a light call for agricultural sulphur but major producers maintained prices at the previous level. The pyrites market was without feature with the Spanish grade being purely nominal.

Markets at Other Centers

Atlanta, Dec. 13.—Trade in fertilizer materials is reported very light with little prospect for improvement until after the holidays. The passage by a large majority of cotton planters of a proposal to continue government allotments of cotton acreage another year, is accepted by fertilizer manufacturers as an indication that the fertilizer demand for this crop will be about the same next season as last. Quo-

Fertilizer Tag Sales: November

	P.C. of 1938.	Equivalent tons* November 1939.	November 1938.	November 1937.	P.C. of 1938.	January-November 1939.	January-November 1938.	January-November 1937.
South:—								
Virginia†	221	3,430	1,550	7,627	103	409,777	397,692	434,068
North Carolina	138	6,755	4,885	7,402	112	1,168,786	1,047,470	1,166,399
South Carolina	198	6,585	3,330	8,020	103	663,519	643,450	756,888
Georgia	16	6,025	37,463	3,791	91	678,637	743,407	853,115
Florida † §	80	67,684	84,331	86,332	100	478,117	477,211	511,679
Alabama	555	3,050	550	250	105	553,650	526,250	620,910
Mississippi	153	10,425	6,800	210	101	310,396	306,886	324,459
Tennessee†	11	10	911	3,254	102	130,354	128,249	141,325
Arkansas‡	240	1,200	500	500	112	73,222	65,500	68,175
Louisiana†	27	1,400	5,250	3,590	108	155,688	144,542	155,668
Texas†	371	1,575	425	1,913	113	¶90,982	80,486	87,615
Oklahoma	...	....	150	....	88	7,022	8,005	6,845
Totals South	74	108,139	146,145	122,889	103	4,720,150	4,569,148	5,127,146
Midwest:—								
Indiana	50	62	125	331	112	262,520	235,053	273,827
Illinois	7	37	562	....	104	43,706	42,217	46,652
Kentucky	..	1,967	....	....	109	120,009	109,644	117,078
Missouri	..	....	40	240	96	67,556	70,084	82,440
Kansas	..	....	....	6	79	14,296	18,079	15,257
Totals Midwest	284	2,066	727	577	107	508,087	475,077	535,254
Grand totals	75	110,205	146,872	123,466	104	5,228,237	5,044,225	5,662,400

* Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizer. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States.
† Cottonseed meal sold as fertilizer included.
‡ Excludes 56,650 tons of cottonseed meal for January-November combined, but no separation is available for the amount of meal used as fertilizer from that used as feed.
§ Includes 66,277 tons of phosphatic and lime materials for January-November.
¶ September sales revised from 2,173 to 7,328.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

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tations on leading materials in this market are as follows:—

SUPERPHOSPHATE—52 cents per unit, producing points.

NITRATE OF SODA—Bulk, $27 per ton, port basis.

SULPHATE OF AMMONIA—Nominal.

COTTONSEED MEAL—8 percent grade, $30.50 to $31 per ton, southeastern mill points.

BLOOD—$3.40 per unit, South America, port basis.

NITROGENOUS—$2.25 per unit, midwest; foreign, $2.85, ports.

BONE MEAL—3 and 50, $31 to $32 per ton, basis. Chicago.

Baltimore, Dec. 13.—The market for crude fertilizer materials continued quiet during the past week, with the buying interest about as it has been, and with the range of the quotations little changed. Current quotations are as follows:—

FISH SCRAP—A complete clean-up on material in first hands may now be said to have been effected. The price realized was $49.50 per ton, f.o.b. Chesapeake Bay. Supplies at resale are still changing hands on the basis of about $4.35 and 10 per unit-ton, with the movement very small. Menhaden meal is held at $58 per ton, with no further sales.

TANKAGE—This market continued dull and unchanged.

DRIED BLOOD—The market is listless, with last offers and last sale at $3.50 per unit-ton for domestic material.

SUPERPHOSPHATE—The developments in this division were without importance, with the producers still quoting $8.50 per ton for run-of-pile and $9 for 16 percent milled and screened supplies.

BONE—Quotations on 3 and 50 steamed bone are still at $31 to $32 per ton, with 4½ and 50 ground raw supplies held at $32 to $35.

Chicago, Dec. 13.—Although buyers seem to be interested in holding down purchases for the purpose of keeping inventories at low levels around year-end, a fairly stable and healthy tone is reported in the market position of most of the principal grades of fertilizer materials. Organics have been moving in routine fashion without indication of suffering any unusual interruption from withdrawal of buyers from the market on any large scale. Blood is in moderate call at this time. Tankage is reported moving moderately. Bone materials are reported in fairly good position.

BLOOD—Principal grade, $3.90 to $3.95 per unit of ammonia.

TANKAGE—High grade, feeding, $4 to $4.10; hoof meal, $3 to $3.15; liquid stick, $2.25 to $2.50.

BONE MATERIALS—Ground, steamed bone, 1¼ and 60 percent, $29 to $30; 3 and 50 percent, $31 to $32; 4½ and 50 percent, $32 to $35; grinding hoofs, pigs' toes and waste horn materials, $40 to $45; cattle jaws, skulls and knuckles, $33 to $35; beef cracklings, soft pressed, $45 to $50; pork cracklings soft pressed, $55 to $60; hard pressed cracklings, per unit of protein, 90c. to 95c.

San Francisco, Dec. 13.—Routine deliveries of contracted supplies, mostly chemicals, ruled in the fertilizer market here. Ground and unground dry-rendered tankage were reduced $2.50 per ton and 5c. per unit, respectively, and fish meal was $1 lower at $49 per ton. Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $29 per ton ex vessel or warehouse; 200-pound bags, $28.30 per ton ex vessel or warehouse.

AMMONIA PHOSPHATE.—Eleven percent N. and 48 percent P.A. material is quoted at $54 per ton cars, ports, and $1 per ton extra for delivery inland. Sixteen and 20 percent material quoted at $43 per ton, ports and $44 per ton for delivery inland, subject to confirmation by sellers.

FISH MEAL.—California sardine meal is $49 per ton, f.o.b. production points, San Francisco, and $48.50 Monterey for f.a.q. meal, prompt or forward delivery. The market has been active.

TANKAGE.—Unground, fertilizer grade, wet rendered, domestic, $3.75 and 10c. per unit-ton, nominally, f.o.b. cars, South San Francisco. Dry rendered, ground, $50 per ton, f.o.b. cars, South San Francisco; unground, dry rendered, quoted at 80c. per unit of protein, f.o.b. cars, South San Francisco.

Trade Briefs

John T. Sanford, jr., son of the president of Armour Fertilizer Works, Atlanta, will marry Nancy G. Bradley, daughter of William L. Bradley, of the Bradley & Baker Company, fertilizers, this city, on December 16.

Allied Mills, Inc., soybean milling concern, has made arrangements for acquisition from the Corn Products Refining Company of 133,780 shares of the Allied Mills stock held by Corn Products. The stock will be held in treasury.

Patino Mines and Enterprise Consolidated, Inc., directors have ordered the distribution of its holdings in General Tin Investments, Ltd., a British subsidiary at the rate of eight shares of General Tin for every five shares of Patino Mines.

New Zealand has added several new chemical compounds of synthetic organic chemical origin to the poisons act by an amendment to the regulations governing the act. The regulations which were amended and became effective on November 1, added para-aminobenzenesulphonamide, beta-aminopropylbenzene, para-aminobenzenesulphonamide, and their salts.

Bones are available for export by a firm in Winnipeg, Manitoba, which states that it is prepared to investigate the possibility of accumulating prairie bleached bones for export to the United States, The company believes that about 200 tons could be accumulated in the near future and reports that at one time considerable quantities of prairie bleached bones were exported to the United States for processing purposes.

Canadian Fertilizer Exports Up

Canadian exports of fertilizer for the first nine months of 1939 aggregated $5,409,182, a 15 percent increase over the $4,707,588 figure reached in the corresponding period of the previous year, according to the Chemical Division of the Bureau of Foreign and Domestic Commerce. Cyanamide shipments were the single greatest item with a value of $2,589,496, and ammonium sulphate was the next most important export item with a value of $1,934,767. Other exports included:—phosphate fertilizers, $844,451; tankage, $232,955; fish offal, $6,994; bone dust and meal, $2,972; and other fertilizers, $397,575.

Drug Wholesalers Sales Noted Gain in October

Total sales of drugs and drug sundries during October were valued at $16,911,000, according to reports of wholesale druggists to the Department of Commerce. This total was 0.4 percent higher than September sales and 2.8c. percent higher than sales in October, 1938.

The value of sales during the first ten months of the year amounted to $135,812,000, which was 4.1 percent greater than the sales during the corresponding period last year. By regions, the changes ranged from a gain of nearly 5 percent in the mountain States to a drop of 4½ percent in the New England area.

Increases were noted in imports of all types of medicinal and toiletry raw materials with October imports valued at $3,267,000, compared with $2,200,000 in October, 1938. The value of crude botanicals imported during the month was $970,000 against $1,229,000 in October, last year; crude drugs, $397,500 against $410,000, and essential oils, $373,000, compared with $857,500. The amount of codliver oil imported was 414,000 gallons against 798,000 last year; and agar-agar, 47,600 pounds against 52,300.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Australian Imports:—The Australian government has applied import licensing regulations to over 400 categories of goods imported from nonsterling countries.

Casein:—The Swedish tax on imports of casein has been removed.

Codeine:—Canada has prohibited the sale of preparations containing codeine except on prescription.

Hydrogen Peroxide:—Cuba has ruled that hydrogen peroxide is to be dutiable at 0.033 pesos per gross kilo, less tare allowance, plus a surcharge of 3 percent of the duty.

Medicinals:—Netherlands Indies has exempted vitamin preparations and iodized ethyl esters of chaulmoogra from the alcohol excise duty.

Olive Oil:—Greece has subjected natural, standardized or treated olive oil to an export tax of 3 drachmas per kilo.

Parcel Post:—Import licenses are not required in the French Morocco for articles, except gold, sent by parcel to private individuals and having no commercial value, except in cases of multiple shipments from the same sender or to the same addresses.

Syrian Imports:—Complete control over imports, exports and foreign exchange transactions has been instituted in Syria and Lebanon.

Margarin Manufacturing Operations Off in October

According to figures reported to the Bureau of Internal Revenue, Washington, the margarin manufacturers' production in October, 1939, compared with October, 1938, as follows:—

	Pounds	
	October. 1939.	October. 1938.
Total production of uncolored oleomargarin..	*23,634,661	*30,973,690
Total withdrawn taxpaid	23,650,040	31,788,000

Ingredients used in the production of colored and uncolored margarin in October, 1939, compare with October, 1938, as follows:—

In Uncolored Margarin

	Pounds	
	October. 1939.	October. 1938.
Babassu oil	988,136	638,216
Coconut oil	2,122,001	8,371,732
Corn oil	21,711	.....
Cottonseed oil	8,674,982	10,367,167
Derivative of glycerin	57,120	80,401
Lecithin	6,870	7,485
Milk	4,502,862	6,219,379
Neutral lard	84,348	105,983
Oleo oil	602,937	1,008,012
Oleo stearin	236,212	343,718
Oleo stock	69,517	121,720
Palm kernel oil	.....	75,044
Peanut oil	197,034	214,977
Salt	1,031,280	1,567,955
Soda benzoate	9,935	11,868
Soybean oil	5,940,916	3,922,715
Soybean stearin	.....	10,495
Vitamin concentrate	1,421	970
Totals	24,547,282	32,867,837
Total production or colored oleomargarin	‡150,154	$118,472
Totals withdrawn taxpaid	26,041	36,302

In Colored Margarin

	Pounds	
	October. 1939.	October. 1938.
Coconut oil	44,926	48,089
Color	158	131
Corn oil	15	.....
Cottonseed oil	13,523	13,343
Derivative of glycerin	395	280
Lecithin	60	3
Milk	34,843	27,807
Neutral lard	3,400	3,840
Oleo oil	17,161	18,162
Oleo stock	1,719	425
Palm kernel oil	.....	256
Peanut oil	77	30
Salt	8,729	6,333
Soda benzoate	55	66
Soybean oil	41,205	15,280
Soybean stearin	.....	36
Vitamin concentrate	2	2
Totals	166,268	134,173

* Of the amount produced, 14,379 pounds were reworked.
† Of the amount produced, 14,666 pounds were reworked.
‡ Of the amount produced, 5,022 pounds were reworked.
§ Of the amount produced, 500 pounds were reworked.

Chemical Salesmen's Party Reservations Total 230

Approximately 230 reservations have already been made for the annual Christmas party of the Salesmen's Association of the American Chemical Industry, to be held in the Hotel Edison, this city, December 28, according to an announcement by Philip LoBue, of Joseph Turner & Co., chairman of the entertainment committee of the association. The price for the dinner will be $6 per person. Mr. LoBue stated a feature of this year's party will be the serving of liquid refreshments from 6:30 to 7:30 p.m., at the expense of the association. Mr. LoBue stated that an exceptional floor show has been booked. Joseph Wafer, president of the association, will preside at the affair.

Philip LoBue

'Arcadian' Nitrate Film Premiere Held Dec. 12

An advance showing of the Barrett Company's new color-and-sound film, "The New South" was given at the Whitehall Club on December 12 for executives of the company. E. W. Clark, president of the Barrett Company entertained at luncheon preceding the showing of the film. The film is produced in the interests of "Arcadian" nitrate of soda. This material is now observing its tenth year of service to the South. Underlying economic theme of the picture is the development of a wider home market for Southern farm products to replace the vanishing export market for cotton and tobacco through building new industries within the borders of the South itself. Operations of various Southern state agricultural experimental and educational services are shown and explained in some detail. The story of the production of "Arcadian" nitrate of soda is completely depicted.

Shipping Information

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Imports at U.S. Ports

New York Imports

AGAR AGAR—42 bls, T M Duche & Sons, Shanghai
25 cs, Mitsubishi Shoji Kaisha, Tientsin

ALKANET ROOT—13 bls, S B Penick & Co, Marseilles

ALUMINUM LEAF—2 cs, Leopold Kunger, Tientsin

ANTIMONY, ORE—1,061 bgs, New York & Cuba Mail S S Co, Vera Cruz
736 bgs, Philipp Bros, Arica
1,245 bgs, J Henry Schroeder Banking Corp, Antofagasta
639 bgs, Banco Minero De Bolivar, Antofagasta

ASPHALT—100 bgs, Caldwell & Co, Havana

BABASSU KERNELS—4,167 bgs, National City Bank, Maranham

BASIL LEAVES—3 bls, S B Penick & Co, Marseilles
13 bls, Peek & Velsor, Marseilles

BRISTLES—12 cs, Albert De Bary, Shanghai
70 cs, N Wagman & Co, Tsingtao
60 cs, Lindsay Trading Corp, Tsingtao
28 cs, H Rosenhirsch & Co, Tsingtao
50 cs, Tsingtao
4 cs, F H Cone & Co, Kobe
52 cs, Brand Bros, Tientsin
4 cs, F H Cone & Co, Tientsin
100 cs, F H Cone & Co, Tientsin
922 cs, Amtorg Trading Corp, Murmansk

CALCIUM TARTRATE—724 bgs, Standard Brands, Marseilles

CAMPHOR, REFINED—33 cs, Iwai & Co, Tientsin

CANARY SEED—1,297 bgs, Buenos Aires
221 bgs, C Clausen & Co, Buenos Aires
602 bgs, Bunge North American Grain Co, Buenos Aires
650 bgs, A G Dunn, Casablanca
500 bgs, Julius Loewitz, Casablanca
300 bgs, Kachurin Drug Co, Casablanca
50 bgs, R C Wehling Co, Casablanca

CARDAMOM—15 cs, P H Petry & Co, Livingston

CASEIN—1,094 bgs, Balfour, Guthrie & Co, Buenos Aires
1,000 bgs, A Hurst & Co, Montevideo
417 bgs, T M Duche & Sons, Buenos Aires
3,834 bgs, A Hurst & Co, Buenos Aires
1,760 bgs, American British Chemical Supplies, Buenos Aires
42 bgs, Buenos Aires
5,001 bgs, T M Duche & Sons, Buenos Aires

CASSIA—250 bls, Catz American Co, Hongkong
84 bls, Wah Young Co, Hongkong

FISTULA—77 baskets, Nederlandsche Handel My, Macassar

CASTOR BEANS—3,393 bgs, Spencer Kellogg & Sons, Bahia
5,080 bgs, Baker Castor Oil Co, Bahia
339 bgs, Guaranty Trust Co, Maranham
1,677 bgs, National City Bank, Bahia
2,540 bgs, Bahia
1,330 bgs, Bahia
1,700 bgs, Baker Castor Oil Co, Pernambuco
1,700 bgs, Ber Chem Co, Pernambuco
5,667 bgs, Spencer Kellogg & Sons, Pernambuco
1,700 bgs, Pernambuco
6,610 bgs, Baker Castor Oil Co, Bahia
10,100 bgs, Baker Castor Oil Co, Pernambuco
1,700 bgs, Spencer Kellogg & Sons, Pernambuco
25,115 bgs, Baker Castor Oil Co, Santos
4,602 bgs, Baker Castor Oil Co, Rio de Janeiro
1,700 bgs, National City Bank, Bahia
1,694 bgs, Bahia

CELERY SEED—50 bgs, Kachurin Drug Co, Marseilles

CHAMOMILE FLOWERS—20 bls, New York & Cuba Mail S S Co, Marseilles

CHARCOAL—1,500 bgs, General Food Corp, Manila

CHEMICALS—295 cs, Bergstrom Trading Co, Gothenburg
1,104 cks, 5,677 bgs, Advance Solvents & Chem Co, Rotterdam
1 pkg, Consumers Import Co, Yokohama

CHROME ORE—20 cs, H Greenwood, Bahia

CLOVES—96 bgs, Catz American Co, Batavia

COALTAR INTERMEDIATES—75 dms, General Dyestuff Corp, Genoa
7 pkgs, Sandoz Chem Works, Genoa

COCOA BEANS—265 bgs, Curacao Trading Co, Trujillo
3,000 bgs, Fruit Dispatch Co, Puerto Limon
250 bgs, A A Lindo & Co, Puerto Limon
500 bgs, Cristobal
250 bgs, Antoni & Co, Carupano
250 bgs, Banco De Venezuela, Carupano
250 bgs, La Guaira
1 bg, A Helmrath, La Guaira
1,000 bgs, Wessel, Kulenkampf & Co, Trujillo
709 bgs, Irving Trust Co, Trujillo
500 bgs, J Armenteros, San Pedro
891 bgs, Machado & Co, Sanchez
400 bgs, Machado & Co, Puerto Plata
150 bgs, W R Grace & Co, Port Spain
250 bgs, Middleton & Co, Port Spain
400 bgs, Port Spain
1,500 bgs, South America Prod Co, Rio Caribe
1,000 bgs, General Cocoa Co, Bahia
300 bgs, Victoria
1,325 bgs, Struller & Wood, Jeremie
500 bgs, Puerto Cabello
687 bgs, Chase National Bank, Lisbon
3,000 bgs, Bahia
91 bgs, Transmarine Mercantile Corp, Cape Haitien
150 bgs, C A Mackey, Cape Haitien
150 bgs, General Cocoa Co, Guayaquil
250 bgs, Daarnhouwer & Co, Guayaquil
250 bgs, Wessel, Duval & Co, Guayaquil
100 bgs, W R Grace & Co, Guayaquil

COCONUTS—300 bgs, Barclay Bank, Kingston
2,202 bgs, General Food Corp, Kingston
400 bgs, Kingston
1,366 bgs, I L Toledano Corp, Cristobal

COCONUT, DESIC—4,354 cs, Philippine Desic Coconut Corp, Zamboanga
1,948 cs, Durkee Famous Food, Manila
2,168 cs, Philippine Desic Coconut Corp, Manila
4,000 bgs, General Food Corp, Manila
2,000 cs, Dodwell & Co, Manila

CORIANDER SEED—100 bgs, Knickerbocker Mills Co, Casablanca
900 bgs, Kachurin Drug Co, Casablanca
300 bgs, Van Loan & Co, Casablanca
278 bgs, H S Cramer & Co, Casablanca
100 bgs, J Raphael & Son, Casablanca
100 bgs, J L Hopkins & Co, Casablanca
200 bgs, Levy & Levis, Casablanca
400 bgs, B H Old & Co, Casablanca

CORK—68 bgs, Mundet Cork Co, Lisbon
125 bls, United Cork Co, Casablanca

BOARDS—2,000 cs, Armstrong Cork Co, Seville

FLOATS—80 bls, Linen Thread Co, Seville

SHAVINGS—140 bls, National City Bank, Lisbon
570 bls, Public Natl Bank, Lisbon
76 bls, Lisbon
1,159 bls, National City Bank, Lisbon

VIRGIN—1,766 bls, Intermundo S A, Casablanca
1,128 bls, United Cork Co, Casablanca

WASTE—300 bls, H Suhl, Algeciras
133 bls, United Cork Co, Casablanca
320 bls, National City Bank, Lisbon
2,353 bls, Mundet Cork Co, Lisbon
1,315 bls, Manufacturers Trust Co, Lisbon
1,380 bls, United Cork Co, Seville

WOOD—200 bls, Brooklyn Trust Co, Lisbon
10 bls, Steinhardter & Nordlinger, Lisbon
159 bls, Wicander & Co, Lisbon
182 bls, L Pardo & Co, Lisbon
365 bls, Chase Natl Bank, Lisbon
30 bls, Mundet Cork Co, Lisbon
570 bls, Lisbon

CUDBEAR—1 ck, J L Hopkins & Co, Liverpool

CUMIN SEED—50 bgs, New York & Cuba Mail S S Co, Marseilles
100 bgs, Knickerbocker Mills Co, Marseilles
100 bgs, Casablanca
200 bgs, P H Petry & Co, Casablanca
100 bgs, I Harrison & Whitney, Casablanca
225 bgs, American Hawaiian S S Co, Casablanca
84 bgs, W E Martin, Marseilles

DIVI DIVI—1 pkg, A Hurst & Co, Maracaibo

DRAGONS BLOOD—10 cs, Bank of Manhattan, Penang

DYES, ANILIN—72 bbls, Geigy Co, Genoa
29 dms, Mitsubishi-Shoji-Kaisha, Tientsin
852 pkgs, General Dyestuff Corp, Genoa
133 bbls, Ciba Co, Genoa
70 cyls, Sandoz Chem Works, Genoa
83 kgs, Carbic Color & Chem Co, Genoa

EARTH—1 cs, Asiatic Petroleum Corp, Maracaibo

ERGOT—25 cs, S B Penick & Co, Lisbon

FENNEL SEED—40 bgs, Knickerbocker Mills Co, Marseilles

FENUGREEK SEED—50 bgs, E E Marks & Co, Casablanca
112 bgs, Peek & Velsor, Casablanca
230 bgs, F D Keller, Casablanca

FILTER PAPER—13 cs, J E Bernard & Co, Gothenburg

FISH LIVERS—597 tins, Mitsubishi-Shoji-Kaisha, Yokohama

FLAXSEED—2,032,000 kilos, 81,240 bus, L Dreyfus & Co, Buenos Aires
932,936 kilos, 37,317 bus, Buenos Aires
1,367 bgs, 3,007 bus, Buenos Aires
20,964 bgs, 46,120 bus, Archer Daniels Midland Co, Buenos Aires

FLEASEED—20 bgs, New York & Cuba Mail S S Co, Marseilles
250 bgs, Kachurin Drug Co, Marseilles
50 bgs, Peek & Velsor, Marseilles
200 bgs, R J Prentiss & Co, Marseilles
15 bgs, H S Head, Marseilles

GAMBIER—260 cs, I Harrison & Whitney, Belawan Deli

GENTIAN ROOT—144 bls, S B Penick & Co, Marseilles
171 bls, Rene Moelhausen, Marseilles

GLUE—20 bgs, New York & Cuba Mail S S Co, Marseilles
POWDERED—150 cks, Rex & Reynolds, Marseilles

GLYCERIN, CRUDE—100 dms, Balfour, Guthrie & Co, Buenos Aires
108 dms, P Pfeiffer, Casablanca
110 dms, Armour & Co, Casablanca

GOLD LEAF—1 cs, Leopold Kunger, Tientsin

GRAPHITE—123 cks, E Faber Pencil Co, Marseilles

GUANO—400 bgs, Buenos Aires
1,831 cakes, 4 bgs, H J Baker & Bros, Buenos Aires

GUM—54 cs, Barber S S Co, Marseilles

BENZOIN—10 cs, Belawan Deli
5 cs, Dodge & Olcott Co, Marseilles
2 cs, New York & Cuba Mail S S Co, Marseilles

CHICLE—410 bls, Mexican Exploitation Co, Progreso

COPAL—276 bgs, 153 baskets, O G Innes Corp, Macassar
40 cs, S Winterbourne & Co, Antwerp
270 bgs, G W S Patterson & Co, Antwerp
300 bgs, National Carloading Corp, Antwerp
400 bgs, France, Campbell & Darling, Antwerp
94 bgs, Stroock & Wittenburg, Manila

DAMMAR—100 bgs, G W S Patterson & Co, Tandjong Priok
200 cs, O G Innes Corp, Batavia
100 bgs, G W S Patterson & Co, Batavia
100 bgs, Gillespie Rogers Pyatt Co, Batavia
210 bgs, O G Innes Corp, Singapore

LOCUST BEAN—25 bgs, Paul A Dunkel & Co, Genoa
50 bgs, J E Bernard & Co, Genoa
65 bgs, Innis, Speiden & Co, Genoa

MASTIC—60 cs, R C Williams & Co, Piraeus

PERILLA—57 bls, Chicle Development Co, Barranquilla

SANDARAC—71 bbls, H H Elmaleh, Casablanca

TRAGACANTH—7 cs, D Aboodi, Beyrouth
22 cs, 825 bgs, E Meer & Co, Beyrouth
23 bgs, A Gahtan, Tientsin

HELIOTROPIN—2 cks, Aromatic Prod, Inc, Marseilles

HELLEBORE ROOT—5 bls, S B Penick & Co, Marseilles

HENNA LEAVES—100 bls, S B Penick & Co, Marseilles

HERBS, CRUDE—7 bls, Peek & Velsor, Genoa
19 bls, Peek & Velsor, Antwerp
9 bgs, 1 cs, Mr Ardin, Antwerp
10 bls, National City Bank, Antwerp
1 cs, National City Bank, Genoa

HOPS—10 bls, National Brewing Co, Genoa

INTERMEDIATE PROD—18 bbls, 10 cks, 3 cs, Synthetic Patents Co, Genoa

IPECAC ROOT—6 bls, Royal Bank of Canada, Rio Janeiro

IRON, ORE—8,047 tons, Bethlehem Steel Co, Narvik

OXIDE—176 bbls, 44 cks, Smith Chemical Color Co, Malaga
209 cks, C J Osborn & Co, Malaga
200 cks, Reichard-Coulston, Malaga

JALAP ROOT—14 bgs, Vera Cruz

JUNIPER BERRIES—42 bgs, Chemical Bank Trust Co, Leghorn
167 bgs, Knickerbocker Mills Co, Leghorn
167 bgs, S B Penick & Co, Leghorn

Under Treasury Decision 49970, United States import and export government records for the time being are not available to the press. Petitions for a modification of the ban have been filed with the department. The Reporter has filed a special brief to meet the needs of the industries it serves. Pending action on its brief, the Reporter will continue to print such data as may be available from other than government sources. Readers desiring to have these data continued as heretofore are requested to send their views to the Reporter for use in the preparation of a supplemental brief.

Editor, O.P.D.R.

KOLA NUTS—50 bgs, D Steengrafe, Kingston

LAUREL LEAVES—65 bgs, New York & Cuba Mail S S Co, Marseilles

LAVENDER FLOWERS—39 bls, S B Penick & Co, Marseilles
17 bls, Peek & Velsor, Marseilles
10 bls, Peek & Velsor, Marseilles
5 bls, Knickerbockerf Mills Co, Marseilles
20 bls, S B Penick & Co, Marseilles
2 bls, H S Head, Marseilles

MACE—21 cs, Catz American Co, Batavia

MANIOC SEDIMENT—34 bgs, Rio Janeiro

MARJORAM LEAVES—18 bls, E E Marks & Co, Marseilles

MATE—17 half bbls, Peek & Velsor, Santos

MEDICINAL PREPS—5 cs, New York & Cuba Mail S S Co, Marseilles
51 cs, Guaranty Trust Co, Montevideo
13 cs, Italian Drug Import Co, Genoa
15 cs, Sandoz Chem Works, Genoa
3 cks, Hoffmann La Roche, Genoa
1 cs, S H Pomerance Co, Genoa
4 cs, Firmenich & Co, Genoa

MICA—50 cs, Buenos Aires
45 cs, Ford Radio & Mica Co, Rio de Janeiro
37 cs, F D Pitts Co, Rio de Janeiro
100 cs, A C Schoonmaker Insulation Co, Rio de Janeiro
27 cs, Rio de Janeiro

MINERALS—2 bgs, Watson, Geach & Co, Arica

MOLASSES—350 tons, W R Grace & Co, Supe
350 tons, W R Grace & Co, Salaverry

NAPHTHALENE—750 bgs, Hinrichs & Pearsall, Rotterdam
17,851 bgs, Amtorg Trading Corp, Murmansk

NICOTINE SULPHATE—20 bbls, Amtorg Trading Corp, Murmansk

NUTMEGS—17 bgs, Tandjong Priok
35 bgs, Catz American Co, Batavia
217 bgs, Batavia

OCHER—1,000 bgs, J H Furman & Co, Marseilles
8,474 bgs, 272 cks, Reichard Coulston, Marseilles
40 bgs, New York & Cuba Mail S S Co, Marseilles
850 bgs, 75 cks, Whittaker, Clark & Daniels, Marseilles
87 cks, Robinson Wagner Co, Marseilles
2,598 bgs, T H Deutz, Marseilles
500 bgs, 40 cks, Smith Chemical Color Co, Marseilles
80 cks, Scott L Libby Corp, Marseilles
2,950 bgs, 40 cks, C K Williams & Co, Marseilles
800 bgs, 20 cks, J Lee Smith & Co, Marseilles
700 bgs, 20 cks, E E Marks & Co, Marseilles
784 bgs, Mineral Pigment Corp, Marseilles
870 bgs, J Lee Smith & Co, Marseilles
870 bgs, Robinson Wagner Co, Marseilles
435 bgs, T H Deutz, Marseilles

OIL—25 cs, Bridges, Neumer & Co, Tientsin

ALMOND—8 cs, Geo Lueders & Co, Marseilles
5 kgs, Givaudan-Delawanna, Marseilles
25 cs, Ungerer & Co, Marseilles

ANGELICA—1 dm, Geo Uhe & Co, Marseilles

ANISE—20 dms, Fritzsche Bros, Hongkong

BLUE FIN LIVER—10 dms, Consumers Import Co, Yokohama

CASTOR—140 pkgs, Pernambuco

CHINAWOOD—436 tons, Universal Trading Corp, Hongkong
150 dms, Wm McDonough, Shanghai
590 tons, Universal Trading Corp, Hongkong

CITRONELLA—104 dms, Batavia

COCONUT—3 cs, H Gould, Sanchez

COTTONSEED—1 pkg, American Express Co, Alexandria
1 cs, Gillespie & Co, Santos

ESSENTIAL—41 dms, Porto Barrios
73 pkgs, Marseilles
95 pkgs, Marseilles

LAVENDER—3 dms, Roure Dupont, Seville
8 dms, Dodge & Olcott Co, Seville
7 dms, Yardley & Co, Seville
7 dms, Ungerer & Co, Seville
7 dms, Geo Lueders & Co, Seville
8 dms, Norda Essential Oil & Chem Co, Seville
7 cks, Geo Lueders & Co, Marseilles
5 cks, Corn Exchange Bank Trust Co, Marseilles

OIL, LAVENDER—12 cks, Norda Essential Oil & Chem Co, Marseilles
14 cks, Eric Coupey, Marseilles
4 cks, Ungerer & Co, Marseilles
22 dms, Ungerer & Co, Genoa
5 dms, Norda Essential Oil & Chem Co, Marseilles
1 dm, Ungerer & Co, Marseilles

LEMON—5 dms, T M Duche & Sons, Santos
3 cs, United Fruit Co, Marseilles

NEATSFOOT—51 dms, Atlas Refinery, Inc, Buenos Aires
1 pkg, Tupman Thurlow & Co, Buenos Aires

OLIVE—40 cs, Leghorn
100 dms, Leghorn Trading Co, Lisbon
30 cs, Piraeus
50 dms, General Olive Oil Corp, Piraeus
50 dms, Chicago Macaroni Co, Piraeus
50 dms, A Fiore & Co, Piraeus
20 bbls, Gartano Catini, Genoa
1,325 cs, Genoa
100 cks, Uddo Taormina Corp, Genoa
175 cs, Genoa
150 cs, Marseilles
68 cs, Naples

ORANGE—8 dms, Fritzsche Bros, Marseilles

ORIGANUM—1 dm, Geo Uhe & Co, Casablanca
1 dm, Norda Essential Oil & Chem Co, Casablanca

PALM—594 tons, Belawan Deli

PATCHOULI—1 keg, A Chiris Co, Marseilles

PENNYROYAL—5 dms, Geo Uhe & Co, Casablanca

PETITGRAIN—25 cs, Ungerer & Co, Buenos Aires
100 cs, W R Grace & Co, Buenos Aires
60 cs, Buenos Aires

PINENEEDLE — 111 bbls, Amtorg Trading Corp, Murmansk

POLLACK LIVER—300 dms, Consumers Import Co, Yokohama

RAPESEED — 299 tons, Mitsubishi Shoji Kaisha, Nagoya

RICE BRAN—1 cs, Balfour, Guthrie & Co, Tientsin

ROSEMARY—18 dms, Lo Curto & Funk, Casablanca
10 dms, Orbis Product Corp, Casablanca
9 dms, Belen
5 dms, 1 keg, Eric Coupey, Marseilles

RUE—2 dms, Norda Essential Oil & Chem Co, Casablanca

THYME—2 dms, Ungerer & Co, Genoa

ORRISROOT—50 bls, W J Bush & Co, Leghorn
128 bls, Charles Mathieu, Leghorn

PAPRIKA—100 bgs, Knickerbocker Mills Co, Marseilles

PAREIRA BRAVA—45 bgs, S B Penick & Co, Bahia

PEATMOSS—300 bls, Peat Import Corp, Rotterdam

PEPPER, BLACK—258 bgs, Catz American Co, Tandjong Priok
1,674 bgs, Tandjong Priok

WHITE—81 bgs, Catz American Co, Tandjong Priok
1,032 bgs, Nederlandsche Handel Mij, Macassar

PERFUME—2 cks, 3 cs, Geigy Co, Genoa
7 cks, 4 cs, Givaudan-Delawanna, Genoa

PIMENTO—300 bgs, Barclay Bank, Kingston

POTASH METABISULPHITE—50 cks, International Selling Corp, Marseilles

PUMICE—610 bgs, C B Chrystal & Co, Canneto
120 bgs, Rustain Product, Canneto
1,017 bgs, J H Rhodes & Co, Canneto

LUMP—3,430 bgs, 5 cks, J H Rhodes & Co, Canneto
350,000 kilos, J H Rhodes & Co, Canneto

QUASSIA CHIPS—340 bgs, R J Prentiss & Co, Kingston

QUEBRACHO EXTRACT—205 bgs, Buenos Aires
4,825 bgs, International Product Corp, Buenos Aires
10,309 bgs, Tannin Corp, Buenos Aires
1,500 bgs, Guaranty Trust Co, Buenos Aires
3,604 bgs, Buenos Aires

QUICKSILVER—75 flasks, Chase Natl Bank, Vera Cruz
5 flasks, A M Cabezut, Tampico
600 flasks, Roura & Forgas, Genoa

QUINCE SEED—30 bgs, S B Penick & Co, Haifa
21 bgs, E Meer & Co, Haifa
11 bgs, Narvi Noonov & Co, Beyrouth
9 bgs, Aron Chinilistsch, Beyrouth

RAPESEED—107 bgs, C Clausen & Co, Buenos Aires
382 bgs, Bunge North American Grain Co, Buenos Aires

ROOT, MEDICINAL—22 bgs, 10 bls, New York & Cuba Mail S S Co, Marseilles

ROSE BUDS—13 bls, A Y Shasha, Beyrouth

ROSE LEAVES—229 bgs, S B Penick & Co, Casablanca

ROSEMARY LEAVES—1 bl, New York & Cuba Mail S S Co, Marseilles

SARDINE MEAL—2,680 bgs, Wilbur Ellis Co, Kobe

SCHEELITE ORE—100 bgs, Mercantile Metal & Ore Corp, Buenos Aires
352 bgs, Buenos Aires

SESAME SEED—300 bgs, Havana

SHELLAC—200 bgs, E E Androvette, Calcutta

SEEDLAC—500 bgs, E E Androvette, Calcutta

SIENNA—25 cks, T H Deutz, Marseilles
118 cks, Reichard-Coulston, Leghorn
100 cks, J Lee Smith & Co, Leghorn

SILVER LEAF—1 cs, Leopold Kunger, Tientsin

SULPHIDES—111 bgs, J Henry Schroeder Banking Corp, Antofagasta

SOAP—510 cs, Conti Product Co, Leghorn

SOAP BARK—6 cs, W E Humberg, Valparaiso

STARCH—440 bgs, W R Grace & Co, Santos

STEARIN—285 tcs, Buenos Aires

PITCH—433 bbls, Corn Exchange Bank Trust Co, Marseilles

STEATITE—7 bbls, M Kirchberger & Co, Leghorn
12 bbls, Caldwell & Co, Leghorn

TALC—900 bgs, L A Salomon & Bros, Genoa
20 cks, Sorinola Co, Marseilles
800 bgs, Mitsubishi-Shoji-Kaisha, Tientsin

TANKAGE—2,932 bgs, C Hollinshed & Co, Montevideo
454 bgs, Swift & Co, Rio Grande

TAPIOCA FLOUR—746 bgs, Batavia
250 bgs, Chase Natl Bank, Batavia
25 bgs, H P Winter & Co, Sourabaya

TAR—26 crates, W Richter, Tampico

TARTAR—169 bgs, Charles Pfizer & Co, Marseilles
1,586 bgs, Standard Brands, Marseilles
218 bgs, Charles Pfizer & Co, Leghorn
506 bgs, Standard Brands, Lisbon
463 bgs, J P Morgan & Co, Lisbon
60 bgs, Standard Brands, San Antonio

TERPINYL ACETATE—4 dms, Aromatic Prod, Inc, Marseilles

THALLIUM SULPHATE—20 cs, International Selling Corp, Marseilles

THYME LEAVES—40 bls, Rene Moelhausen, Marseilles
20 bls, E E Marks & Co, Marseilles

TRICHLORETHYLENE—100 cks, International Selling Corp, Marseilles
TUBA ROOT—107 bls, Singapore
TUCUM KERNELS—339 bgs, Maranham
VANADIUM—9,533 bgs, Vanadium Corp of America, Callao
VANILLA BEANS—34 cs, Dodge & Olcott Co, Marseilles
WAX, BAYBERRY—70 bgs, W R Grace & Co, Buenaventura
25 bgs, Mecke & Co, Buenaventura
BEES—14 bgs, Schutte & Focke, Trujillo
25 bgs, Havana
80 bgs, Santos
102 bgs, W R Grace & Co, Rio Janeiro
35 bgs, Strahl & Pitsch, Genoa
64 bgs, Will & Baumer Candle Co, Genoa
100 bgs, Innis, Speiden & Co, Casablanca
152 bgs, Bank of London South America, Bahia
1 pkg, A Hirsch & Co, Bahia
23 bgs, D Steengrafe, Havana
6 bgs, Curacao Trading Co, Port au Prince
17 bgs, Irving Trust Co, Trujillo
16 seroons, Porcella, Vicini & Co, Porto Plata
100 bgs, Wessel, Duval & Co, Rio Janeiro
163 bgs, Rio Janeiro
60 bgs, Lenape Trading Co, Marseilles
CANDELILLA—2,068 bgs, M Argueso & Co, Tampico
CARNAUBA—87 bgs, Bank of London South America, Bahia
103 bgs, Bank of London South America, Bahia
67 bgs, Smith & Nichols, Bahia
52 bgs, American Cyanamid & Chem Co, Rio Janeiro
137 bgs, Rio Janeiro
55 bgs, Innis, Speiden & Co, Rio Janeiro
67 bgs, Smith & Nichols, Bahia
131 bgs, Bank of London South America, Bahia
292 bgs, W M Allison & Co, Bahia
CURICURY—22 bgs, A Hurst & Co, Bahia
28 bgs, Bahia
MONTAN—1,350 bgs, Strohmeyer & Arpe Co, Rotterdam
SEALING—2 cs, Geigy Co, Genoa
WINE LEES—455 bgs, Standard Brands, Lisbon
WOLFRAM ORE—535 bgs, Buenos Aires
11 bbls, Emil Offenbacher, Lisbon
500 bgs, Watson, Geach & Co, Arica
260 bgs, Banco Minero De Bolivar, Antofagasta
YEAST—2 pkgs, Moore & McCormick, Rio Janeiro
ZINC OXIDE—150 bbls, Orbis Product Corp, Marseilles
20 pkgs, New York & Cuba Mail S S Co, Marseilles

New York Transit Imports

CANARY SEED—500 bgs, R T French Co, Casablanca, Rochester
180 bgs, Standard Seed Co, Casablanca, Kansas City
250 bgs, Canadian Natl Railway Co, Casablanca, Montreal
1,000 bgs, J A Bruce Seed Co, Casablanca, Hamilton
CORKS—747 crtns, Canadian National Railway, Casablanca, Toronto
CUMIN SEED—200 bgs, R T French Co, Casablanca, Rochester
DYES, ANILIN—94 dms, 1 ck, 2 cs, H S Head, Genoa, Toronto
ERGOT—20 cs, Eli Lilly & Co, Lisbon, Indianapolis
HENBANE LEAVES—76 bgs, Inland Alkaloid Co, Genoa, Tipton
JUNIPER BERRIES—42 bls, Allaire, Woodward & Co, Leghorn, Peoria
METAL LEAF—1 cs, National City Bank, Genoa, Chicago
RESIDUE—17 cks, Irvington Smelting & Refg Works, Buenos Aires, Irvington
MICA—55 cs, First National Bank, Buenos Aires
OIL, SESAME—15 cs, China Trading Co, Hongkong, Chicago
ORRISROOT—16 bls, Allaire, Woodward & Co, Leghorn, Peoria

Baltimore Imports

BONEMEAL—8,065 bgs, Buenos Aires
CHROME ORE—805 tons, Santa Cruz
8,550 tons, Masinloc
FISHMEAL—1,320 bgs, Montevideo
HOOFS—207 bgs, Callao
IRON ORE—5,556 tons, Leo J Buck, Inc., Narvik
7,251 tons, Bethlehem Steel Co., Narvik
1,500 tons, Masinloc
LICORICE ROOT—6,195 bls, Izmir
MANGANESE ORE—6,000 tons, Rio Janeiro
4,600 tons, Santiago
3,380 tons, Durban
7,550 tons, Takoradi
6,860 tons, Durban
OIL, FUEL—86,547 bbls, Standard Oil Co., Duiria
NEATSFOOT—74 dms, Buenos Aires
PYRITES—3,620 tons, Sorel
6,429 tons, Huelva
5,080 tons, Sorel
QUEBRACHO EXTRACT—4,791 bgs, Buenos Aires
14,472 bgs, Buenos Aires
TANKAGE—500 bgs, Buenos Aires
1,016 bgs, Montevideo
4,936 bgs, Buenos Aires
PETROLEUM, CRUDE—114,133 bbls, Standard Oil Co, Guiria
WAX, BEE'S—106 bgs, Rio Janeiro
ZINC CONC—10,414,530 lbs, Callao

Boston Imports

BONE MEAL—1,113 bgs, Barber & Garratt, Para
BONES—700 bgs, Santos
484 bgs, Santos
1,385 bgs, Wilson & Co, Buenos Aires
2,018 bgs, Buenos Aires
CANARY SEED—150 bgs, J Breck & Son, Casablanca

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CASSIA—200 bls, Arnhold & Co, Hongkong
COTTON LINTERS—105 bls, Santos
FISH MEAL—3,000 bgs, Mitsubishi-Shoji-Kaisha, Kobe
OIL, COCONUT—491 tons, Cebu
PEANUT—65 cs, Shanghai
QUEBRACHO EXTRACT—1,033 bgs, International Product Corp, Para
12,007 bgs, Tannin Corp, Para
750 bgs, International Product Corp, Buenos Aires
TANKAGE—2,379 bgs, H J Baker & Bros, Buenos Aires
TONKA BEANS—20 cs, Para

Los Angeles Imports

ACID, CITRIC—660 lbs, Havana
AGAR—90 lbs, Osaka
ALUMINA SILICATE—107,770 lbs, Calcutta
ANTIMONY ORE—85,000 lbs, Iguala
ARSENIC, RED—5,510 lbs, Antwerp
BLUE, ULTRAMARINE—10 bbls, 2,500 lbs, Amsterdam
CAMPHOR, REFD—20 lbs, Yokohama
CANARY SEED—54,260 lbs, Buenos Aires
CASSIA—13,330 lbs, Hongkong
CHALK—10 lbs, London
COCOA—25,780 lbs, Managua
COCONUT, DESIC—1,000 lbs, Davao
COCONUTS—31,600 lbs, Colon
21,000 lbs, Cristobal
COPRA—1,884 bgs, 154,080 lbs, Samoa
CORIANDER SEED—11,300 lbs, French Morocco
CUMIN SEED—43,980 lbs, Algeria
DRUGS, ADVANCED—360 lbs, Hongkong
CRUDE—2,150 lbs, Hongkong
GINSENG ROOT—60 lbs, Keijo
GLASS, SHEET—55 cs, 6,270 lbs, Brussels
1,595 cs, 99,130 lbs, Brussels
GUM, COPAL—230,890 lbs, Macassar
26,000 lbs, Batavia
110,640 lbs, Macassar
COPAL CHIPS—14,300 lbs, Macassar
KAURI—371 sx, 51,990 lbs, Suva
MACE—4,200 lbs, Batavia
4,480 lbs, Macassar
MEDICINAL PREPS—150 lbs, Yokohama
NAPHTHALENE—152 sks, 33,510 lbs, Amsterdam
NUTMEGS—7,060 lbs, Dutch East Indies
22,400 lbs, Macassar
10,000 lbs, Port of Spain
OIL, COTTONSEED—1,593,290 lbs, Sao Paulo
OLIVE—265 dms, 113,710 lbs, Athens
PEANUT—7,200 lbs, Hongkong
SESAME—160 lbs, Hongkong
350 lbs, Hongkong
POTASH CARBONATE—120 lbs, Hongkong
QUEBRACHO EXTRACT—500 bgs, 53,870 lbs, Asuncion
RAPESEED—21,910 lbs, Buenos Aires
ROSEMARY—4,400 lbs, France
SEAWEED, DRD—10 lbs, Osaka
319 lbs, Kobe
100 lbs, Yokohama
SESAME SEED—11,200 lbs, Hongkong
32,400 lbs, Hongkong
SOAP, TOILET—30 lbs, Shanghai
820 lbs, London
SODA, CHLORATE—50,000 lbs, Paris
STARCH—1,470 lbs, Osaka
TALLOW—290 dms, 124,590 lbs, Melbourne
TAPIOCA FLOUR—1,400 lbs, Hongkong
TOILET PREPS—340 lbs, Yokohama
30 lbs, Shanghai
WAX, VEGETABLE—3,360 lb, Kobe
WHITING, GRD—110,230 lbs, Malmo

New Orleans Imports

COCONUTS—567 sx, Ceiba
1,950 sx, Kingston
1,000 sx, Tela
GUM, CHICLE—871 bls, Belize

Philadelphia Imports

ALUMINUM DROSS—400 bgs, E F Houghton & Co, Liverpool
BONEMEAL—2,226 bgs, I P Thomas Co, Para
BONES—907,200 kilos, Baugh & Sons Co, Para
CASEIN—100 bgs, Adolph Hurst Co, Buenos Aires
CEMENT, ASBESTOS—1 cs, E Jamborn, Inc, Liverpool
CHEMICALS—800 dms, F B Vandegrift & Co, Rotterdam
CHROME ORE—5,000 tons, E J Lavino & Co, Masinloc
CORK, VIRGIN—9,237 bls, Armstrong Cork Co, Sines
1,528 bls, Armstrong Cork Co, Lisbon
WASTE—1,435 bls, Armstrong Cork Co, Sines
10,487 bls, Armstrong Cork Co, Lisbon
802 bls, Armstrong Cork Co, Lisbon
WOOD—2,501 bls, Armstrong Cork Co, Sines
FERTILIZER, NITROG—1,224,700 kilos, National City Bank, Heroen
GRAPHITE—666 bgs, Colombo
LICORICE ROOT—12,979 bls, Poti
MACE—7 cs, Macassar
MAGNESITE—70 bbls, Innes, Speiden Co, Rotterdam
MANGANESE ORE—3,000 tons, San Nigel
MOLASSES—1,432,520 bbls, Matanzas
NAPHTHALENE—1,250 bgs, J W Hampton, Jr & Co, Rotterdam
NUTMEGS—80 cs, Macassar
PEAT—453 bls, Marine Midland Trust Co, Rotterdam
1,000 bls, Peat Import Co, Rotterdam
PEPPER, BLACK—1,125 bgs, A J Fuller & Co, Batavia
PETROLEUM, CRUDE—106,946 bbls, Gulf Oil Corp, Las Piedras
POTASH—16 cks, Rotterdam
QUEBRACHO EXTRACT—1,000 bgs, International Products Corp, Buenos Aires
6,090 bgs, The Tannin Corp, Buenos Aires
RAPESEED—375 bgs, Bankers Trust Co, Constanza
SUMAC, GRD—1,400 bgs, Market Street National Bank, Palermo
TAPIOCA FLOUR—1,492 bgs, National City Bank, Sourabaya
750 bgs, Sino Java Handelsverg, Inc, Cheribon
500 bgs, Chase National Bank, Cheribon
500 bgs, First National Bank of Chicago, Tandjong Priok
1,000 bgs, Chase National Bank, Cheribon
WAX, CARNAUBA—63 bgs, Anglo Portuguese Colonial & Overseas Bank, Ltd, Parnahyba

Exports from U.S. Ports

Baltimore Exports

AMMONIA, SULPHATE—505 tons, Iloilo
CLAY—600 lbs, Atzapetzalco
ENAMEL FRIT—1,000 lbs, Atzapetzalco
EPSOM SALT—110,200 lbs, Mexico City
SOAP POWDER—2,212 lbs, Hongkong
SODA, BICARBONATE—60,000 lbs, Manila
CAUSTIC—82,500 lbs, Cebu
353,100 lbs, Manila

Los Angeles Exports

ACETPHENETIDIN—330 lbs, Bangkok; 500 lbs, Hongkong
ASPHALT—4 dms, 2,090 lbs, Balboa; 4 dms, 2,100 lbs, Cristobal
BLEACHING POWDER—146,500 lbs, Bombay
BORAX—750 sks, 75,000 lbs, Havana
ACID, BENZOIC—200 lbs, Singapore
BORIC—305 sks, 30,500 lbs, Havana
SALICYLIC—1,000 lbs, Bangkok; 200 lbs, Hongkong; 2,600 lbs, Singapore
CHEMICALS—210 lbs, Bombay; 1,260 lbs, Singapore; 850 lbs, Saigon
CLAY, ACTIVATED—90 bgs, 4,500 lbs, Bangkok
GROUND—200 bgs, 22,400 lbs, Havana
CORN SYRUP—44,610 lbs, Manila
DENTIFRICE—290 lbs, Bangkok
DIATOMACEOUS EARTH—1,400 bgs, 140,000 lbs, Panama; 60 bgs, 6,000 lbs, St Georges; 700 bgs, 70,000 lbs, Havana
EGG YOLK, POWD—280 lbs, Cristobal
GASOLINE—21,631 bbls, Manila; 15,343 bbls, Cebu; 25,947 bbls, Poro
AVIATION—700 dms, Yokohama
GELATIN—150 lbs, Porto Armuelles
GYPSUM—11,980 lbs, Manila
INK—380 lbs, Manila
WRITING—160 lbs, Penang
IODINE—600 lbs, Bombay
KEROSENE—11,829 bbls, Manila; 17,293 bbls, Cebu; 12,500 bbls, Ioco
LACQUER—480 lbs, Karachi; 350 lbs, Maracaibo; 650 lbs, Caracas; 330 lbs, Manila
THINNER—320 lbs, Maracaibo
LEAD, RED—15,000 lbs, Manila
WHITE—1,450 lbs, Maracaibo; 15,000 lbs, Manila
LINING COMP—2,930 lbs, Manila
LITHARGE—54,600 lbs, Manila
MEDICINAL PREPS—7,590 lbs, Manila
METHYL SALICYLATE—250 lbs, Batavia
OIL, DIESEL—75,112 bbls, Osaka/Nagoya
PAINT—190 lbs, Karachi; 18,090 lbs, Maracaibo; 9,729 lbs, Havana; 300 lbs, Manila
PASTE—1,900 lbs, Maracaibo
REMOVER—390 lbs, Maracaibo
PETROLEUM, CRUDE—49,667 bbls, Ioco
PHARMACEUTICAL PREPS—410 lbs, Marmagoa; 1,910 lbs, Bombay; 650 lbs, Madras; 1,650 lbs, Singapore
PINETAR—4,010 lbs, Manila
POLISH—570 lbs, Singapore
SACCHARIN, POWD—1,000 lbs, Singapore
SALT—120 lbs, Medan
RESIN, SYNTH—2,700 lbs, Hongkong
SODA, BENZOATE—500 lbs, Singapore
BENZOSULPHIMIDE—1,000 lbs, Bangkok; 2,000 lbs, Hongkong
SALICYLATE—600 lbs, Singapore
TOILET PREPS—200 lbs, Hongkong; 1,790 lbs, Manila; 670 lbs, Cairo; 700 lbs, Puerto Reyes
VARNISH—3,600 lbs, Manila

New Orleans Exports

ALCOHOL—7 tons, Havana
ASPHALT—5 tons, West Coast, South America
CORN SYRUP—5 tons, Panama City
CYANIDE—34 tons, Puerto Cabezas
GASOLINE—85 tons, Puerto Cabezas
GLUCOSE—19 tons, Havana
KEROSENE—149 tons, Puerto Barrios
LARD—16 tons, Cristobal; 30 tons, Puerto Limon; 14 tons, Havana; 73 tons, Vera Cruz; 44 tons, West Coast, South America
LEAD, WHITE—47 tons, Cristobal
LITHOPONE—22 tons, Vera Cruz
OIL, COCONUT—6 tons, Vera Cruz
LUBRICATING—22 tons, Cristobal; 51 tons, Vera Cruz; 6 tons, West Coast, South America; 3 tons, Puerto Cabezas
PARAFFIN—11 tons, Vera Cruz; 16 tons, West Coast, South America
SALT—72 tons, Cristobal; 158 tons, Havana; 50 bgs, Ceiba
SODA, CAUSTIC—295 tons, Vera Cruz
SOYBEAN MEAL—30 tons, Havana
STEARIN—10 tons, Havana
TURPENTINE—6 tons, West Coast, South America
ZINC DUST—23 tons, Vera Cruz

Coastwise Shipments

Los Angeles Coast Trade

GASOLINE—25,300 bbls, San Diego; 67,878 bbls, Portland; 60,000 bbls, Martinez; 73,567 bbls, San Francisco; 4,081 bbls, San Diego; 1,808 bbls, San Diego; 719 bbls, San Diego; 69,313 bbls, San Francisco; 73,962 bbls, Beaumont
OIL, DIESEL—22,000 bbls, San Diego; 8,017 bbls, Portland; 2,624 bbls, San Diego; 1,425 bbls, San Diego; 11,564 bbls, San Francisco
FUEL—3,500 bbls, San Diego; 2,269 bbls, Portland; 48,878 bbls, Richmond; 48,401 bbls, Portland; 2,410 bbls, Portland; 21,319 bbls, Seattle; 28,296 bbls, Seattle
FURNACE—2,910 bbls, Portland
PETROLEUM, CRUDE—29,101 bbls, Paulsboro
SOLVENT—19,222 bbls, Paulsboro

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug and cosmetic act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York

Week Ended December 13

Aconite, 20 bags; not U.S.P.
Aminopyrine crystals, 4 cases; dangerous drug.
Balsam, Nicaraguan, 2 cases; restricted use.
Caraway seed, 100 bags; filthy.
Chlorophyl, 1 drum; restricted use.
Codliver oil, 622 drums; restricted use.
Cod oil, 65 casks; restricted use.
Colocynth, 7 bales; not N.F.
Ergot, 30 cases; not U.S.P.
Eucalyptus oil, 30 drums; restricted use.
Flavoring powder, 23 cases; false and misleading statements.
Hair tonic, 1 case; false and misleading statements.
Liquid orchil, 3 casks; restricted use.
Mace, 9 cases; worm-eaten and moldy.
Medicinal preparations, 2 parcels; false and misleading statements.
Medicinal preparations, 2 parcels; new drug.
Medicinal preparations, 1 case; below professed standard; false and misleading statements.
Nutmegs, 855 bags; restricted use.
Nutmegs, 8 bags; moldy.

Baltimore

Week Ended December 13

Medicinal preparation, 1 parcel; false therapeutic claims; dangerous drug; new drug.

Boston

Week Ended December 13

Cod oil, 13,444 gallons; restricted use.
Cod oil, 27 barrels; restricted use.
Medicinal preparation, 1 package; false and misleading statements.
Tea, 3 cases; false therapeutic claims; incorrect quantity of contents statement.

Buffalo

Week Ended December 13

Medicinal preparation, 3 parcels; false and misleading statements.
Medicinal preparation, 1 parcel; dangerous drug.

Los Angeles

Week Ended December 7

Medicinal, 100 pieces; false therapeutic claims.

San Francisco

Week Ended December 7

Medicinals, 10 pieces; false therapeutic claims; deceptive container; new drug.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any district office or cooperative office of the bureau, and not to this publication. When writing give the number of the item:—

Acetic acid:—Penang, Straits Settlement; purchase (5159).
Acetic acid:—Shanghai, China; purchase (5096).
Alcohol:—Turin, Italy; agency (5132).
Aluminum Powder:—Melbourne, Australia; purchase and agency (5189).
Arsenic, white:—Birmingham, England; purchase (5101).
Arsenic powder:—Calcutta, India; agency (5106).
Barium nitrate:—Calcutta, India; agency (5106).
Borax:—Barranquilla, Colombia; purchase (5219).
Bronze powder:—Melbourne, Australia; purchase and agency (5189).
Castor oil:—Stockholm, Sweden; purchase (5110).
Chemicals:—Guayaquil, Ecuador; agency (5162).
Chemicals, industrial:—Rio de Janeiro, Brazil; agency (5203).
Chemicals:—San Jose, Costa Rica; agency (5144).
Chemicals, textile:—Mexico City, Mexico; agency (5103).
Citric acid:—Cairo, Egypt; agency (5099).
Citric acid:—Calcutta, India; agency (5106).
Coaltar intermediates:—Zofingen, Switzerland; purchase (5113).
Cosmetics:—Cairo, Egypt; agency (5147).
Disinfectants:—Alexandria, Egypt; purchase and agency (5100).
Disinfectants, liquid:—Alexandria, Egypt; agency (5223).
Dyes:—Bombay, India; purchase (5231).
Dyes:—Cairo, Egypt; agency (5147).
Dyes:—Rio de Janeiro, Brazil; agency (5095).
Fatty acids:—Oslo, Norway; agency (5133).
Fertilizers:—Georgetown, British Guiana; agency (5138).
Fertilizers:—Recife, Brazil; purchase and agency (5094).
Formic acid:—Penang, Straits Settlement; purchase (5159).
Gelatin:—Barranquilla, Colombia; purchase (5219).
Glue:—Oslo, Norway; agency (5133).
Inks:—Cairo, Egypt; agency (5147).
Inks:—San Salvador, Salvador; purchase (5109).
Insecticides:—Alexandria, Egypt; purchase and agency (5100).
Lacquer materials:—Stockholm, Sweden; purchase (5110).
Linseed oil:—Cairo, Egypt; agency (5098).
Oxalic acid:—Calcutta, India; agency (5106).
Paints:—Alexandria, Egypt; agency (5223).
Paints:—Cairo, Egypt; agency (5147).
Paints:—Guayaquil, Ecuador; agency (5162).
Paints:—Lisbon, Portugal; purchase (5093).
Perfume essence:—Rio de Janeiro, Brazil; agency (5140).
Pharmaceuticals:—Cairo, Egypt; agency (5097).
Pharmaceuticals:—Cairo, Egypt; agency (5200).

When the "Troublesome Thirties" Give Way to the "Friendly Forties"—What Will It Mean to You?

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CINCINNATI FIRM established over twenty years and covering the State of Ohio and also Louisville, Kentucky, would be interested in representing A-1 producers of oils, pigments, chemicals or other raw materials. BOX 632, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—Two Anderson No. 1 oil expellers; four 7x5 foot pebble mills; 9x24 inch and 12x30 inch roller mills; Proctor six truck atmospheric dryer; 3x8 foot rotary steam tube dryer; two 12 foot by 12 foot rotary vacuum filters, with pumps; No. 00 Raymond mill; Gruendler 50 H.P. hammer mill; Ball & Jewell No. 1 rotary cutter; Stedman 42-inch disintegrator; four 900-gallon closed, jacketed agitator kettles; 3,000-pound horizontal jacketed steel powder mixer; 32-inch copper basket centrifugal; jacketed, agitator vacuum stills; copper, aluminum, steel and glass lined kettles and tanks; Hammer mills; crushers and pulverizers; tablet machines ½ to 2-inch, single punch and rotary; filter presses to 36 inches square; disc filters; iron mills; bottle fillers and washers. Only partial listing. Write for chemical bulletin No. 128 and pharm. bulletin No. 113. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FOR SALE—Ten plate Alsop filter; 25 GPH Acme water still; rotary bottle rinsers; 25 case Loew sterilizer. Reconditioned and guaranteed. Perry Equipment and Supply Co., 142 North 10th street, Philadelphia, Pa.

Equipment Offered

FIND what you want right in New York City. Pony mixer, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Company, 123 Bleecker street. SPring 7-8955.

PEBBLE MILLS, 25, 50, 100 gallons; 120 cu. ft. powder mixer; 300 gal. jacketed agitated kettle; 100 gal. change can mixers; 10 in. stone mill; No. 30D-Lacto clarifier. Lawler Engineering Co., Metuchen, N. J.

Equipment Wanted

WANTED—For chemical plant, filter press, jacketed kettle, vacuum dryer, powder mixer, pulverizer. BOX 630, Oil, Paint and Drug Reporter.

JACKETED MIXER wanted, horizontal, 100 to 200 gallon capacity. BOX 643, Oil, Paint and Drug Reporter.

WANTED.—One used 36x36-inch Sperry filter press with about 40 recessed plates, completely equipped with cocks, grommets and gutter. The Glidden Co., Vegetable Oil Division, Buena Park, California.

Factories Offered

BRICK FACTORY, 9,000 sq. ft., one story, concrete floor, high pressure boiler, windows all sides, railroad siding, yard, unrestricted district, Long Island City, low rent. The R. L. Kraft Company, Woolworth Building. COrtlandt 7-9377.

Materials Offered

WE OFFER high grade diatomaceous earth, 98%, through 325 mesh. Also ocher, raw sienna and burnt sienna, ground 325 mesh. Large deposits. Samples on request. Would like to contact eastern jobbers. Deer Park Natural Pigments Corporation, N. 1327 Cedar street, Spokane, Wash.

Materials Offered

WE OFFER 10 tons acetone CP, 5 flasks mercury, 1 ton gum Arabic amber sorts, 1 ton gum Arabic powder USP, 150 pounds oil of orange USP, 5 tons glycerine CP, 1 ton potash chlorate powder, 1 ton citric acid crystals, 3 barrels tartaric acid granular, 3 tons bichromate of soda, 1 ton bichromate of potash, 100 pounds bichloride of mercury powder, 20 kegs metabisulphite of potash, 55 pounds thallium sulphate and 1 ton potash chrome alum. BOX 647, Oil, Paint and Drug Reporter.

CADMIUM, 1,000 pounds; 100 pounds mischmetal cerium; 100 pounds nickel uranium alloy; 200 pounds ferroboron; 15 pounds tantalum carbide; 100 pounds shredded zinc; 500 pounds cerium hydroxide; 50 pounds tellurium dioxide; 100 tons wollastonite; 250 pounds molybdenite. BOX 649, Oil, Paint and Drug Reporter.

AVAILABLE for export, spot deliveries, phenol, acetone, toluol, benzol, butyl alcohol, paraffin, glycerine, oxalic acid, cresylic acid, soda hydrosulphite, etc. Republic Chemical Corporation, 94 Beekman street, New York, telephone: BEekman 3-1855.

Materials Wanted

WILL BUY bichromates of potash and soda; sulphate of soda; strontium nitrate; spot lots or steady supplies required for export for cash by established export house. Reliable sellers only. BOX 644, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMIST experienced in the manufacture of line of acetate colors, formaldehyde colors, and sulphur colors, seeks connection. Someone with an azo unit preferred. Also capable of marketing above. BOX 635, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMICAL ENGINEER, has five years' experience in analyzing and physical testing paint products in well equipped laboratory of large organization, three years in formulation, manufacture and varnish cooking, also factory and laboratory experience in other fields. BOX 646, Oil, Paint and Drug Reporter.

PAINT AND VARNISH manufacturing chemist wants connection. Makes the most successful selling flowing flat white on the market today and for shelf goods. Painters use and maintenance work. A great sales leader. Also makes full line. BOX 648, Oil, Paint and Drug Reporter.

PAINT SALESMAN, experienced, 12 years in the paint selling field with extensive dealer following in Manhattan and Bronx territory, among paint and paint and hardware dealer trade. Seeks position with reliable manufacturer, national house experience. BOX 650, Oil, Paint and Drug Reporter.

Services Offered

CHEMIST and chemical engineers—if you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Surplus Stocks

HIGHER MARKETS—Sell now. Wanted—surplus or off-grade waxes, chemicals, greases, oils, botanicals, solvents, aromatics, gums, metals. Also wastes, by-products, residues. Single lots. Entire plants. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

WILL BUY—Your surplus or off-grade chemicals, oils, waxes, pharmaceuticals, gums, by-products, residues. For quick action phone Mr. Gelb, WAlker 5-4250, Barclay Chemical Company, Inc., 75 Varick street, New York.

SPECIALS

2—Devine 5 ft. x 33 ft. Rotary Vacuum Dryers.
1—W. & P. Vacuum Mixer, 100 gal.; other W. & P.'s, 2 gal. to 2650 gal.
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12—Vacuum Shelf Dryers, all sizes.
12—Ball Mills, 10 gal. to 500 gal.

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Potash chlorate:—Calcutta, India; agency (5106).

Resins, synthetic:—Melbourne, Australia; purchase and agency (5189).

Soap materials:—Port-au-Prince, Haiti; agency (5104).

Soda ash:—Calcutta, India; agency (5105).

Soda, caustic:—Calcutta, India; agency (5105).

Soda, caustic:—Oslo, Norway; agency (5133).

Soda, caustic:—Singapore, Straits Settlement; purchase (5158).

Strontium nitrate:—Calcutta, India; agency (5106).

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Toilet preparations:—Cairo, Egypt; agency (5200).

Turpentine:—Alexandria, Egypt; agency (5223).

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Acetic Acid: — 106,200 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 381, opening January 8.

Anhydride: — 90,240 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 381, opening January 8.

60,000 cubic feet; Purchasing & Contracting Officer, Holabird Quartermaster Depot, Baltimore, Md.; procurement 298-93, opening December 26.

Acetylene:—Supplies during the period January 1 to June 30; Commanding Officer, Sacramento Air Depot, Sacramento, Calif.; procurement 28, opening December 27.

Tetrachloride: — 30,100 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 381, opening January 8.

Alcohol, Denatured:—Supplies of; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 90, opening January 2.

Ethyl:—187,000 gallons; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 381, opening January 8.

Aluminum Powder:—2,000 pounds; Commanding Officer, Rock Island Arsenal, Ill.; procurement 469, opening December 20.

Ammonia, Anhydrous: — 15,200 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 381, opening January 8.

Aniline:—27,300 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 381, opening January 8.

Boiler Compound:—114,300 pounds for various delivery points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 110, opening January 2.

Calcium Carbide:—173,000 pounds for Puget Sound; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 100, opening January 2.

Chloride:—200,000 pounds for Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 101, opening January 2.

Calcium Chloride:—70,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 381, opening January 8.

Carbon Tetrachloride: — 16,100 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 381, opening January 8.

Chlorine:—182,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 381, opening January 8.

Cresol Solution:—25,400 gallons for various delivery points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 117, opening January 2.

Glycerin:—4,660 gallons; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 94, opening January 2.

Lead, Red:—96,200 pounds for various delivery points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 111, opening January 2.

White:—2,000 pounds; U. S. Engineer Office, New York District, Army Base, New York; procurement 156, opening December 22.

Lime:—6 tons; Quartermaster, Fort Bliss, Tex.; procurement 151-41, opening December 20.

Linseed Oil:—Supplies of; Bureau of Supply and Accounts, Navy Department, Washington; schedule 118, opening January 2.

Oxygen:—Supplies during the period January 1 to June 30; Commanding Officer, Sacramento, Calif.; procurement 28, opening December 27.

125,000 cubic feet; Purchasing and Contracting Officer, Holabird Quartermaster Depot, Baltimore, Md.; procurement 298-93, opening December 26.

Phosphoric Acid:—20,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 381, opening January 8.

Soap, Powder:—2,100,000 pounds for Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 122, opening January 2.

Soda Acetate:—100,200 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 381, opening January 8.

Ash:—21,300 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 381, opening January 8.

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Soda Ash:—24,800 pounds for Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 92, opening January 2.

Caustic:—250,000 pounds for Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 119, opening January 2.

Phosphate:—200,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 123, opening January 2.

Thiosulphate:—5,600 pounds; Procurement Division, Treasury Department, Washington; opening December 18.

Shellac, Orange:—600 gallons; Procurement Division, Treasury Department, Washington; procurement 7117-S5, opening December 18.

Sulphur Monochloride: — 1,036,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 381, opening January 8.

Tar, Water Gas:—1,800 gallons; U. S. Engineer Office, 2100 Virginia avenue, N. W., Washington; procurement 97, opening December 19.

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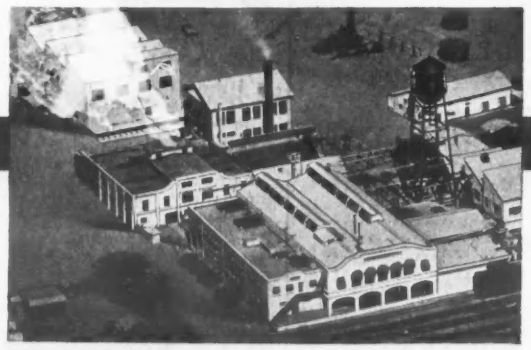
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